

**Results of the 1997 IARU Region I. UHF / SHF / Microwave Contest**

Evaluated by Romanian Amateur radio Federation (FRR)

Results lists are presented in this format:

Position	Call	WW Locator	Nr.of QSO	Score	Best DX	Max.distance	Power	Antenna
This contest results list was restored from FRR data source (in part damaged by virus attack) and completed by members of OK2KKW group in Feb.2001.								
432 MHz Single operator								
1	DL6NAA	JO50VF	523	157477	F6ELI	1094	500	8x21ele.+2x23ele.
2	OK1DFC/P	JO60RN	460	150014	F6CRP	1179	500	38el. M2
3	DH5NBE/P	JN590P	454	139033	F8XT/P	964	150	4x23el.
4	DG3FK/P	JO40XL	422	127241	GD4GNH	1069	75	4x21el.+2x34el.
5	OE5NEL/2	JN67RS	311	119250	G3GNR	1322	200	80 ELE
6	DG7NBE/P	JO40XI	424	117886	G4GNH	1076	60	2x28el.
7	DL6AM/P	JO42QH	435	112256	F5FEN/P	903	700	4x11ele.
8	DL4NAC/P	JO40XL	365	104119	F6CRP	947	300	2x23 + 4x17el.
9	DL4MEA	JN58JD	302	103225	G3CKR/P	1055	750	2x20el.YAGI
10	DC0UU/P	JN49KA	343	98076	GJ4ZK/P	800	75	4x23el.
11	HB9IAB/P	JN36DO	202	96920	GOFIG	1090	100	15Y
12	DL8UD/P	JO40IT	375	92503	F8XT/P	884	750	4x15ele.
13	DL9NDA/P	JO50SF	339	90642	F6ELI	1080	500	8x21ele.
14	OK1LARI/P	JO60UQ	308	86587	YU1BFG	878	120	21el.F9FT
15	DB8VH/P	JN39PN	301	83902	G3GNR	824	70	2x28el.Langyagi
16	DK5DQ/P	JO31PG	334	80819	F8XT/P	847	500	2x21el. Y
17	OK2ZZ/P	JN89AO	267	79306	LZ2FO	813	500	22el.
18	OK1VMS	JO70GU	247	77018	F8XT/P	1235	400	DJ9BV
19	HB9WNL/P	JN47RH	210	76120	GW8HLR	1133	90	6Y
20	DG3LAV	JO44NM	221	75766	HB9IAB/P	903	75	4x21el.
21	DJ9KH/P	JO42OX	258	75400	HB9IAB/P	739	200	2x29el.
22	PA3FPP	JO33IJ	203	70161	F8XT/P	853	400	4X16EL,
23	DL1EBA	JO31BS	273	69792	OE5VRL/5	689	750	4x17ele.
24	DG5LDH/P	JO31EO	308	68243	F6GPT	896	75	2x19el.
25	DL8QS	JO43KH	221	65102	HB9IAB/P	768	600	4x23el
26	I4LCK/4	JN54PD	175	64252	SP9EWU	905	300	21el.
27	DL5MAE	JN58VF	183	61829	G1WPF/P	858	60	21el.YAGI
28	S54M	JN86CL	178	55769	DK0BN	734	200	2X19 EL
29	HA8DZ/2	JN97FQ	192	54742	DK0BN	821	250	4x21el.
30	DL2DAO/P	JO31PG	237	53381	OE3XKW	723	480	2x21ele.
31	DF3SMA/P	JN49RB	203	52728	G3GNR	990	400	2x21el.
32	S51ZO	JN86DR	177	52726	DK0BN	724	60	2X50 EL
33	DC5VV/P	JN39NR	206	52447	F6GPT	780	25	28el.
34	DG8NCO	JO50VH	208	52189	F1BJD	896	75	4x19el.
35	DK0ALK	JN38TD	175	51625	G3CKR/P	874	70	2x16el.
36	DL3YEE	JO42GE	209	49541	F/G8MBI	1012		
37	DK2HD/P	JN48CN	165	49450	G6DER	985	750	2X28ele.Y
38	DL1EJA	JO31DS	225	49240	F5GYA	712	25	18el. YAGI
39	DG3KCE/P	JO30FQ	234	49013	OE3XKW	750	700	2x12ele.Y
40	DK7ZT/P	JO40JU	225	48062	OM3LQ/P	666	75	38el. M2
41	9A2VR	JN39VX	136	47989	DK0BN	927	400	4x12el.
42	DK7FU	JN49FT	214	46956	OZ5BAL/P	678	100	23el.
43	OK2TT/P	JO80IB	175	45675	I4LCK/4	775	500	9? YAGI
44	DL2KBX	JO30EM	200	45273	OZ5BAL/P	651	120	DJ9BV
45	DG9FDZ/P	JO400O	181	45237	G3CKR	816	150	432-9WL 2
46	DG5DCR	JO31PM	202	43521	G4PBP	656	50	23el.Yagi
47	DG9BEM	JO43CD	174	42520	OE2CAL	687	75	4x21el.
48	DG7EAI/A	JO31NH	243	41750	F5FEN/P	742	75	4x20el.
49	DL1SUN	JO53PN	127	41632	HB9BA/P	748	75	21el.
50	DL2OM	JO30SN	185	41470	G3CKR/P	713	500	28el.M2
51	OK2PWY/P	JN89NX	147	40814	I4LCK/4	783	250	21el.LY
52	HA5BDJ/7	JN97KP	148	40547	DG2FO	741	120	DJ9BV
53	DG7SFL	JN49XF	170	40408	G3GHN/P	690	15	7031DX
54	DK5HQ	JO53CO	137	40380	HB9DGX/P	702	75	2x21el.
55	DK2GR	JN59IE	144	40321	G3CKR/P	984	500	4x26el.
56	OK1PGS/P	JN69MX	141	39663	F6KBF	788	500	2x23el. Y
57	DL8PC	JO40LH	167	38957	G3CKR/P	811	30	23el.
58	TM5AVO	JN09TD	94	38916	OE5NEL/2	884	70	23el.YAGI
59	DF1IAZ/P	JN49RB	175	37544	F6KPL	781	15	1x21el.
60	SP9EWO/9	JN99LP	121	36847	I4LCK/4	843	300	2x21el.
61	DK5WO	JO30AS	142	35412	OE3XKW	781	50	2x24el.
62	PA0EZ	JO22OF	122	35343	F5FEN/P	815	100	21el.
63	LZ2FO	KN13KX	72	34816	OK2ZZ/P	812	200	2X21EL
64	IW1QBJ/1	JN44GK	114	34731	DF0CI	774	200	4x22el.
65	OE5LEO/P	JN67RS	84	34388	G3JHM	1110	10	28el.
66	OE3JPC	JN88EB	130	34147	LZ2FO	677	100	80 ELE
67	DG9BDV	JO33PE	121	34020	HB9DGX/P	666	200	2X20 ELE
68	DK2DB	JN48FW	140	33976	OZ5BAL/P	773	25	2x20el. Y
69	DL3YBY	JO32PC	160	33957	F6KPL	663	300	4x26el. Yagi
70	DJ9RX	JO43LE	114	33593	HB9BA/P	665	300	4x22el.YAGI
71	DL8BDU	JO43AA	141	33473	OE2CAL	681	75	2x21el.
72	DJ8UV/P	JO41MU	150	33218	G1WPF/P	566	80	20el.YAGI
73	DK3WG	JO72GI	76	32909	ON7WR	727	15	19el.
74	DL6BCR	JO43JH	119	32658	HB9DGX/P	668	600	8x27el.LY
75	G3XDY	JO02OB	74	32269	OE2CAL	973	200	8x33ele.
76	DG2LAB	JO54AK	95	32081	HB9DGX/P	794	250	21 el. Y.
77	F6BSJ	JN26HP	69	31231	OK1VMS	864	70	2x16el.
78	OK1DHC	JN69HQ	125	31043	F6HPP/P	676	?	?
79	DF4UE	JN48RR	89	30903	G3CKR/P	937	10	DL6WU
80	SP6MLK/P	JO80JG	132	30835	I4LCK/4	796	600	4x27el.Y
81	DG0FMD/P	JO50XM	130	30343	9A5Y	671	30	80el.DL7KM
82	F6APE	IN97QI	72	30030	OK2KKW	1038	30	19el.
83	DG1SGQ/P	JN49RB	122	29894	F6CRP	854	200	4x21el.
84	PA0ME	JO22OB	100	29635	OE5NEL/2	759	75	Tonna 2x21 el.
85	OK2BPN	JN89UE	124	29576	I4JED/4	723	100	2X24LY
86	F1BJD/P	IN98WE	66	29559	OK1KYY	984	100	4x21el.
87	DK1CB	JO53CL	96	29285	HB9DGX/P	688		

88	DH0GHU	JN38VN	101	29121	G8OHM/P	763	150	19el. Y
89	SP9EWU	JO90NH	79	29040	I4LCK/4	904	75	18el.Yagi
90	DF9FD	JN49GU	141	28655		672	150	2x21el.Y
91	OK1LSC	JO70OB	121	28497	IK4GNG/4	697	120	8x11el.
92	I3NPF/3	JN55TV	116	28364	SP9EOW/9	689	150	21el.F9FT
93	DL4VCG	JN39NI	116	28252	OL7M	677	250	2x25el.Y
94	DL5IAM/P	JN48JX	134	28206	DJ5LA/P	649	400	4x21el.YAGI
95	F5AOL/P	JN28HC	74	28160	GW8ELR	780	35	20el.YAGI
96	DG6DAM/P	JO31XF	141	28147	GU3EJL	738	25	21el.YAGI
97	HA8ET	KN06DQ	100	28025	IK4GNG/4	673	35	Hybrid quad
98	OK1MG	JO70BD	127	27994	I4LCK/4	701	100	2x30eL.
99	OK1DTG/P	JO70AD	125	27983	I4LCK/4	708	100	17el.YAGI
100	IW3FQT/4	JN54RI	110	27874	OL7M	758	20	24el.DJ9B
101	DF2VJ	JN39LI	84	27736	G6YAY	767	10	40el
102	ON1MDK	JO10QH	81	27718	OE5NEL/2	786	600	4x19el.
103	PE1PTQ	JO11VL	83	27622	OE2CAL	787	30	21el. YAGI
104	9A5KK	JO50RK	109	27620	DL1WA/P	600		
105	L21UK/P	KN13KX	55	27573	OK2ZZ/P	120	50	4x10el.
106	DD7LF	JO54CE	90	27271	HB9DGX/P	778	200	4x22eL.
107	F6CRP	IN96KE	43	27253	OK1DFC	1180	75	4x21el. K1FO
108	DD4WZ/P	JN49DV	166	26979	F5HGO/P	798	100	21el. omm vert.
109	OE1FBU/6	JN77WM	124	26697	YU1BFG	552	50	Harc 12el
110	I5BLH/5	JN53LL	107	26301	OK1KRQ/P	688	30	19 ELE
111	OK2PHM/P	JO80IA	112	25986	I4JED/4	746	300	2x26
112	DL5BBL/P	JO42DE	115	25817	HB9DGX/P	547	30	23el.YAGI
113	IW1BCW	JN45IA	86	25421	DL0GTH	645	150	4x21el.
114	IK1WVR/5	JN44WL	114	25298	DH5NBE/P	583	10	21 F9FT
115	DL3JMM/P	JO50XL	111	24869	F6HMQ	709	100	29el.
116	DL4SKF/P	JN48MW	102	24034	G8OHM/P	818	150	4x19el.Y
117	DH0HAR	JO53AP	84	23832	HB9DGX/P	706	100	25el.
118	DL5KCI	JO30CR	105	23694	G3CKR/P	620	50	13el. Feeler
119	OE1WIU/3	JN78XC	103	23617	DK0BN	630	80	23el.YAGI
120	DB7LN	JO44VL	84	23495	HB9DGX/P	798	25	11 ELE
121	EA1DDU	IN73FM	39	23206	DK0BN	1240	70	2x21el. Y
122	DB7HJ	JO43UQ	89	23197	DL0UL/P	565		21el.F9FT
123	DL1BKK	JO43NA	109	23102	HB9DGX/P	635	60	1x20el.Y
124	DG1EEM	JO31GG	123	22733	G3CKR/P	615	600	1x21ele.
125	OK2JI/P	JN89JT	110	22585	I4LCK/4	755	60	21el.
126	DL2DR	JO31TO	120	22492	OE5D	562	40	K1FO
127	OE6DRG/6	JN77KC	92	22188	YO5BLA/P	593	750	4x23ele.
128	DK4LI	JO44WQ	71	22158	F6HPP/P	752	20	2X19 ELE
129	OE2EBO	JN67MW	79	21980	DL6BCR	688	300	2x15el. Y
130	OE7FRH/7	JN67DL	82	21863	DL0OU/P	679	200	4X21 ELE
131	S57GED	JN76QK	95	21188	IW1QBJ/1	577	25	21 ELE
132	DG3LSM/P	JO61EG	90	20964	F6KDL/P	533	20	18 EL ELR
133	DL6NCO	JN59MI	74	20776	OZ5BAL/P	709	70	19el.F9FT
134	DL1ZC	JO52GG	86	20584	HB9DGX/P	559	70	2x23el.Y
135	OK2WDC	JN89PO	93	20579	I4LCK/4	759	100	19ele.
136	DK2LB/P	JO53IO	71	20453	G1WPF/P	708	50	4x11 LY
137	DF8XR	JO32MF	92	20424	HB9IAB/P	628	75	4x20el.
138	IV3DVB	JN65ST	66	20175	SP9WTW/P	601	250	4x17el.
139	DK1QH	JO42HA	129	20052	G1WPF/P	538	300	4x25el.
140	HA2RI	JN97VE	92	20041	IK1YWB/4	664	100	21el.
141	DJ6OL	JO52AO	84	20020	HB9BA/P	619	40	4x18el.
142	F6GPT	IN94SW	50	19883	OK2KKW	1161	120	21el.Yagi
143	DL2JDX	JO60FM	74	19582	F6HPP/P	671	20	21el.Tonna
144	DL8VU	JO54EG	65	19537	DK2DB	607	150	2x21ele.Y
145	G4PMK	IO91IP	37	19354	OE5NEL/2	1142	130	48el.Tayb
146	DD4JN	JO31HF	101	19123	G3CKR/P	622	60	19el. Y
147	EA1EBJ	IN73FL	30	19040	DK0BN	1242	75	21el.
148	DL1EKM	JO31GF	94	18840	OE5NEL/2	630	20	21el.
149	OK1BMW	JO70EI	84	18799	9A7D	625	200	21ele.
150	OK2UDE/P	JN89JS	100	18798	DK0GYB	505	70	2x11el.Y
151	OK2BFM	JN89OI	91	18723	I4LCK/4	733	80	2x21el.
152	DG2BCP	JO43CE	84	18676	HB9DGX/P	657	30	2xDL6WU
153	G8FBG	IO91SG	73	18553	HB9DGX/P	835	75	1x20el.
154	DG0DM/P	JO71AC	66	17992	IK4GNG/P	796	400	4x28 el.
155	OE2JG/2	JN67PW	72	17913	G1WPF/P	970	25	9el. YAGI
156	F6BHI/P	JN15EQ	35	17830	DF0CI	850	10	16 ELE
157	OZ1IEP	JO65ER	58	17684	DK0BN/P	710	6	19el.
158	HB9PZQ/P	JN47CE	83	17552	PA3FPS	631	100	2x20el.
159	OK2POI/P	JN99DJ	86	17420	S59DGO	510	30	10Y 15dB
160	OK2XTE	JN89AR	94	17349	DK0HCG/P	504	5	14el.YAGI
161	OK1DKX/P	JN79GB	73	17334	DL0KK/P	625	140	2x19eL.
162	PA3EQK	JO22HG	69	17265	OE2CAL	783	100	21el.YAGI
163	G6DER	IO93GN	30	17118	DL0FM	1077	10	KLAVERBLA
164	OE5MKN	JN78EA	67	17055	DL0KK/P	676	2	21 el.
165	YO5BLA/P	KN16IX	50	16991	S53DKR	674	80	4X23 ELE GI
166	F6HPP/P	JN19PG	42	16965	OK1KJB	826	40	34eL.
167	DG5NFF/P	JN59KE	92	16770	DL1EBA	442	100	4X19El.
168	DL3ECQ	JO31JK	94	16739	OE5NEL/2	629	25	2x21el.
169	DG3SAN	JN48WW	82	16678	G4LIP/P	655	50	16ele.Y
170	DK6HA/P	JO53IO	54	16611	HB9DGX/P	707	75	2x19el.
171	DJ7TW	JN49UC	84	16399	PA6NL	508	100	4x20el.
172	HB9KAG/P	JN37WE	54	16320	G3CKR/P	964	30	19el.Yagi
173	DB7SJ/P	JN48MW	81	16290	G8OHM/P	818	100	2*21Y 18d
174	G4ITF/P	IO90MX	42	15759	DL0FM	915	75	25el.DoppB
175	OZ6HY	JO45WA	51	15722	HB9DGX/P	858	35	19 el.
176	HA5EA/4	JN97HE	77	15683	YU1BFG	549	150	2x13 el.
177	DF4MAA	JN58WH	50	15650	G8OHM/P	1061	35	2xMBM88/7
178	DK4MM	JO40WK	69	15411	DG3LAV	457	35	38el.Yagi
179	DG1LL	JO54AI	58	15403	DH5NBE/P	530	30	20el. YAG
180	F6FGO	JN25QN	43	15361	G3CKR/P	994	75	2x21el.
181	DG3FCT	JO41RB	70	15356	OZ5BAL/P	527	25	2x21el.Y
182	DL1SUZ	JO53UN	52	15345	F6KBL/P	708	75	21el.F9FT
183	OK1AIY/P	JO70SQ	61	15282	DB3VE/P	600	35	20ele.YAG
184	ON5DG	JO20SN	60	15276	OE5NEL/2	654	15	18el.YAGI
185	DG8NEL/P	JN59KE	71	15221	PA6C	569	150	2x21el. Y
186	DG9BCL/P	JO42DE	81	15214	DL0UL/P	411	75	2x21 Yagi

187	DG6PY/P	JO30JF	52	14692	G3CKR/P	684	75	4x21el. Tonna
188	9A2RK	KN13KE	50	14638	LZ2FO	584	75	4x11el.
189	F4AAG/P	JN23WE	54	14589	S53DKR	722	20	21el.YAGI
190	OK1DMX	JO70WE	73	14533	DK0BN	648	2	19el.FLEX
191	DL4YAJ	JO41FX	89	14347	G4LIP/P	498	10	21el.F9FT
192	DL5NEB	JN59KV	60	14316	OZ5BAL/P	648	400	DJ9BV 14,
193	DL5YDR	JO32MF	71	14299	DL0FM	575	40	4x20el.
194	G4ZTR	JO01KW	41	14142	DL0FM	846	25	2x88ele.
195	DD9ZY	JO40HE	70	13893	OE3XKW	588	25	21 el. Y
196	DK0ATV	JO32OH	93	13824	F6KDL/P	490	75	20el.
197	DJ8YZ	JO43KC	48	13786	HB9BA/P	655	50	4x19el.
198	PD0IFS	JO32EA	61	13590	HB9XC/P	544	160	23el.
199	DH9SCB/P	JN48WP	64	13557	G3CKR/P	967	10	16EL
200	DG9FCH	JO40AV	71	13504	G1WPF/P	503	15	20el.Yagi
201	F5HRY	JN18EQ	29	13359	OK2KKW	775	70	1x23el.
202	DL2DUL/P	JO61QA	63	13137	PA6C	524	150	2x21el.
203	DG0XS	JO51NP	58	12901	F6KDL/P	506	30	21ele.
204	HB9RHV	JN36KX	50	12892	G1WPF/P	656	1	21el.
205	DF9PX	JN49HU	64	12824	G1WPF/P	573	50	19Y 18dB
206	DL4BR/P	JO42DE	72	12783	OE2CAL	596	3	21el.
207	OE8TPK/8	JN66WQ	60	12771	HA8ET	489	150	4x21el.
208	DL7YS	JO62QL	50	12675	PI4GN	448	25	9 ELE
209	PA3AKM	JO32BS	55	12658	HB9IAB/P	686	25	13el.YAGI
210	DJ9MH	JO50FA	67	12625	HB9IAB/P	489	10	19EL
211	OE5OHO	JN78EG	58	12619	F6HPP/P	819	25	88el.
212	SP6LB/P	JO71VE	47	12391	PI4AJS	620	20	21 ELE
213	IK2LHP	JN45SP	63	12186	F6HPP/P	620	30	12el.
214	DG0OJX/P	JO50KM	66	12066	S50C	554	70	31el.
215	DH8JT	JO31CQ	64	12060	DL5MAE	554	30	9el.
216	DL8CMM/P	JO52VM	41	11948	HA8DZ/2	717	150	24el.Cush
217	UT5DL	KN18EP	36	11795	IK4GNG/4	912	25	23el.Flex
218	S57BLJ	JN75AV	65	11753	HG7P	432		
219	OE8FNK/8	JN66RS	54	11700	HG6Z	499	5	23 EL
220	DL3ARK	JO50CT	54	11589	OZ5BAL/P	549	130	2X21 ELE
221	HA7SC/P	JN97MS	64	11288	OK2KKW	540	100	19ele
222	DL2ZA/P	JN59VL	54	11284	9A7D	666	30	YAGI
223	DL8LRZ/P	JO61DK	62	11279	PA6NL	565	10	21ele.
224	YO5TE/P	KN16JS	36	11006	S59DGO	655	30	19el.YAGI
225	DL3FDL	JO40KR	60	10970	OE2CAL	447	50	4x45 DL6WU
226	DL9BCL/P	JO42DE	62	10888	DL5MAE	506	120	4x11ele.
227	YO2IS	KN05PS	37	10858	S50D	562	150	4x21el.
228	S56IHX	JN76JA	62	10831	OM3CQF/P	546	200	19el.
229	OK1LAUK	JN69RR	59	10796	F6KDL/P	506	25	16 EL
230	ON4KBE	JO20BI	39	10759	OE5NEL/2	738	10	15el.YAGI
231	YO5AJR/P	KN17UR	28	10641	S59DGO	743	30	21el. YAGI
232	I2ADN	JN45MS	58	10564	DK0BN	477	25	17el.YAGI
233	FLURM/P	JN37MW	32	10553	G3CKR/P	859	70	2x25el.YAGI
234	DG0LB/P	JO61NB	59	10521	PI4GN	441	120	18el.
235	LZ2FR	KN13IU	25	10490	S53DKR	734	25	20el.
236	DL4DTU/P	JO60TS	57	10416	PA6C	553	100	4x21el.F9FT
237	OK2PTS/P	JN89WH	56	10355	S59DGO	486	200	21el.LY
238	OK2MIT/P	JN88EU	55	10348	S59DGO	389	20	DL6WU
239	PA0GUS	JO23TA	75	10259	HB9BA/P	653	2	10el.YAGI
240	DD6HZ	JO62QN	53	10235	DK0BN	483	500	2X21EL
241	DK2MN	JO32PC	43	10105	HB9DGX/P	552	75	21el.F9FT
242	I6CTJ	JN63SO	47	10104	9A7A	352	300	4x22el.Tonna
243	F5PMB	JN18GW	33	10005	OK2KKW	755	10	21el.
244	F2JR/P	JN03CB	38	9908	OT7D	939	100	2x21el.
245	G6SPS/P	JO01IT	25	9775	HB9DGX/P	795	55	19el.Tonna
246	HG5ATD/7	JN97MS	52	9767	OK2KKW	540	25	12 el. YAGI
247	G4AEQ	IO93PE	18	9751	HB9WNL/P	973	10	YAGI
248	IK7XXG/7	JN71UR	27	9743	I3NPF/3	568	100	2x19 el.Y
249	IK4ADE	JN54OE	48	9652	DH5NBE/P	607	10	20el.
250	HL1BBO	JO42FS	43	9599	F6KDL/P	550	200	31el.
251	YO2BBT/P	KN05WG	14	9576	HA8DZ/2	375	60	2x15el.Yagi
252	9A2SB	JN48UO	30	9565	DL0UL/P	751	60	Parabol
253	HG2SF/P	JN87VE	61	9554	DL0ZW	407	50	23el.DJ9BV
254	DL8ZAJ	JO40KD	58	9551	PI4GN	391	20	4x20el.Y
255	DB4UD/P	JN49KH	56	9497	PA6C	449	70	20x20YAGI
256	DL5SWB/P	JO63AR	31	9434	OK2ZZ/P	535	60	DOPPELACH
257	FLHNF	IN97XF	23	9381	DL1WA/P	914	30	7el.YAGI
258	IW4DXL/6	JN63EU	43	9325	9A1CMS	429	100	1x21el.
259	DJ5VW	JO31RJ	65	9314	G1WPF/P	456	10	21el. Tonna
260	YO3APG/P	KN17UR	26	9274	S59DGO	744	200	23el.
261	OE1PLW	JN88CF	53	9069	I4JED/4	570		
262	DL1LS	JN49KH	43	9016	G1WPF/P	613	100	2X19 ELE
263	DG1LALX/P	JN58KI	48	8994	DL6AM/P	453	100	4x24
264	DC8WPA	JN49BW	48	8983	G4LIP/P	495	70	2x16el.
265	DL4HJ	JO43WH	44	8983	OK1ARI/P	392	50	19el.
266	YO2BCT/P	KN05TR	30	8927	S59DGO	575	70	FX 7033
267	IK8RMB	JN72LA	26	8889	I3NPF/3	507	200	4x20el.YAGI
268	DF2PN	JO30TH	55	8836	G4LIP/P	450		
269	OE7HWI/7	JN67CO	45	8808	DK0BN	417	30	10el.
270	DG7EAY	JO31BS	46	8626	HB9DGX/P	545	10	12 ELE
271	SP2DDV	JO93AC	22	8503	OE3XKW	589	25	18el.
272	HG4GGV	JN96LX	51	8499	OL7M	410	25	25el.YAGI
273	IW4CAX	JN45WG	45	8438	DH5NBE/P	600	25	16el.YAGI
274	EA6SA	JM19IR	25	8246	F5KMQ/P	597	10	2x10el.
275	ILZHH	JN35VG	32	8150	S50D	608	200	33el.YAGI
276	DB8DF	JO31PG	81	8147	G3CKR/P	663	25	21el.
277	DG8BCC	JO43BB	33	8113	HB9DGX/P	644	35	20el.
278	IN3KLQ	JN56RG	36	8099	9A5Y	452	75	20el.
279	DJ0VZ	JO30GL	36	8078	G1WPF/P	410	25	21el.
280	OK2SNX	JN99BO	52	7935	DL6NAA	458	10	21
281	F6KBR/P	JN12EK	24	7931	OT7D	941	100	2m Long
282	DH1TS/P	JO30PP	36	7891	G3GHN/P	469	50	21el.F9FT
283	PA3DIJ	JO33BC	26	7887	HB9BA/P	656	3	21el.Yagi
284	IK2OCJ	JN55CL	46	7869	F6FGO	378	150	21EL
285	YO5OHZ/P	KN17UR	20	7697	S53T	651	25	1x36el.

286	OK1MGW	JO70WF	44	7583	S57C	542	25	17el.YAGI
287	HB9RNL	JN37SN	26	7407	G3GHN/P	621		12el.YAGI
288	HA8BI/7	JN97MI	47	7361	S59DGO	402	100	19Y 20dB
289	9A3AQ	JN54IE	41	7258	IK1YWB/4	443	2	DL7KM
290	IW1CBG/1	JN44AF	34	7241	S50C	574	50	16x23el.I1FR
291	DL1ARJ/P	JO60AR	43	7232	HB9DGX/P	430	30	20el.
292	DL3EBS	JO31LH	54	7103	G1WPF/P	422	10	11el.YAGI
293	OK2TF/P	JN89PV	36	7030	I4LCK/4	788	10	2x9el. horizontal
294	DH0JC/P	JO31JJ	48	6915	G4YPC/P	450	35	15el.DL6WU
295	DL6FV	JO44WE	26	6842	OK1ARI/P	468	30	20el. Yagi
296	S52CW	JN76CI	42	6833	DL9NDD	435	25	10ele.YAGI
297	DG1NHI	JO50UF	35	6799	LX/DK2FR/P	412	200	8X 7,7 DJ9BV
298	DC3EC	JO31DR	42	6782	G1WPF/P	376	40	16el.
299	OK1DOM	JO70DA	43	6760	DK0BN	464	25	19el.
300	DL9DBF	JO40AV	30	6605	G1WPF/P	504	25	15el.YAGI
301	DG1MDQ	JN58LI	28	6500	HG7P	589	100	11ele.YAGI
302	FLBOH/P	JN03KV	39	6373	OT7D	834	60	MBM 44
303	DL6ABB	JO52GG	28	6347	PA6NL	439	95	21el.Tonna
304	FLLUO	JN38VT	43	6318	PA6NL	438	30	2x19ele.Kreuzyagi
305	YO5AVN/P	KN17UR	14	6298	S57C	783	50	2x2x21el.
306	HG3FMZ	JN96AV	36	6252	OL7M	393		
307	DJ3FC	JO40HD	32	6174	OK1DFC/P	346	40	21 el. F9FT
308	DJ6XV	JO31LQ	41	6086	DL0OUL/P	395	50	22el.Yagi
309	DG1UTE	JO31QH	45	6063	G4LIP/P	418	50	19el.
310	DL3MHB	JN58LI	27	6057	PA6C	612	40	Quad-Yagi
311	IZ3AWS	JN55UH	37	6024	DH5NBE/P	483	15	20ele.Quad YAGI
312	DL3LSW	JO61FH	39	5656	DK0BN	362	25	20el.
313	S53FI	JN75MT	36	5643	SP9WY/P	532	25	10ele.YAGI
314	OK2JQR	JN89SE	52	5626	OK2KKW	366	2	16 EL DL6WU
315	YO2II	KN06PE	37	5585	S53DKR	565	40	12el.YAGI
316	DL5MBU	JN58SF	31	5515	I4JED/4	422	25	Doppler
317	DJ7LH/P	JN58FP	21	5404	PI4GN	589	300	4x21el.Yagi
318	OE1FCS	JN88GF	39	5352	I3NPF/P	453	25	4X22 ELE
319	IK3SSW/3	JN65DQ	28	5294	I0WBX/6	314	35	2x19el. Tonna
320	S57NPR	JN65TM	39	5197	YU1BFG	317		21 EL F9FT
321	OK1DMP	JN79IX	43	5182	DK2GR	304		
322	OE5NNN	JN78EB	26	5087	HA5SHF/P	353	25	13 ELE
323	DG2MA	JO51VH	34	5033	OZ5BAL/P	494	35	9el.
324	DL6EAS/P	JO31TB	31	5001	HB9WNL/P	433		3ele.YAGI
325	F2BJ	IN94RS	24	4983	OT7D	806		2x21el.
326	DL8AAV	JO52DH	25	4978	DK0BN	313	70	21Tonne
327	SP6PH/P	JO80FQ	27	4962	HG5FMV	373		
328	DK7ZL	JO40FB	28	4951	OK1DFC/P	359	25	23el. YAGI
329	SP2NJI	JO92MP	13	4844	DL1WA/P	579	50	4x25el.
330	F4BCA	IN97QM	21	4817	DK0BN	674	20	19el.
331	HB9AMH/P	JN37OE	11	4808	G0MJW/P	728	400	19Y 1dBNF
332	S57EA	JN76HE	38	4776	I0FHZ	379	2	5 EL
333	G8ZQB	IO92JN	17	4758	DG3FK/P	805	25	19 el. YAGI
334	G4KNZ/P	JO02UP	15	4743	DF0CI	599	10	2m Y
335	OK1XJP/P	JN79GW	28	4638	HG7P	387	25	13el.YAGI
336	FL1APH	JN03BT	27	4572	F4AAG/P	469	50	19el.Tonna
337	EA5YB/3	JN01XG	22	4563	F5FEN/P	444	300	2x21el.YAGI
338	PA0BAT	JO31FX	24	4511	OECAL	775	100	2X21EL
339	OK2JJA	JN89LX	42	4476	S53T	408	25	18el.DL6WU
340	SP6VGW/P	JO80FQ	23	4474	OE5D	367		
341	DJ6TK	JO53FG	23	4304	OT7D	430	10	20el.Yagi
342	DH7AGT	JO42UJ	22	4258	G1WPF/P	604	25	15el.Yagi
343	DK8JL/P	JO31MI	47	4189	G4LIP/P	395	10	5el. YAGI
344	IK7TOF	JN71QM	14	4174	I3NPF/3	572	150	21 F9FT
345	FL1EJK/P	JN37KT	15	4132	F6KPQ/P	745	20	19el.
346	9A6SCN	JN44WL	21	4075	IK1WVR/5	320	30	20el.FRACARRO
347	DL6UAM/P	JO71DS	22	3931	DG9FDZ/P	377	25	17el.YAGI
348	IW3HJ	JN65CN	26	3851	I0WBX/6	302		
349	IW1DBK/1	JN45FV	26	3815	I0WBX/6	501		
350	IW3GWM	JN55VB	24	3787	S59R	314	10	7el
351	HB9IR/P	JN47CG	20	3766	OK2KKW	483	30	20Y
352	OK1AIG	JO70NN	28	3755	HG7P	438	30	15el.YAGI
353	OE3BEA	JN78UR	21	3733	I4JED/4	542		40 ELE
354	DG6DCC	JO31QI	33	3709	DF0CB	273	75	11el.
355	FLAKK	JN39CC	17	3699	OK1OKL	506	3	5/8GP Vertikale
356	PA0WWM	JO22FE	11	3675	F6BHI/P	739	150	18EL
357	DL5RY/P	JN58QI	9	3643	OK1DFC/P	882	30	5el.YAGI
358	SP7NJX	JO91RR	13	3594	OE3W	477	15	17el.YAGI
359	HG4YJ	JN96LX	29	3578	S50C	328	4	36 el.long YAGI
360	DK3FB	JO31UC	6	3491	F6GPT	914	500	4x23el. YAGI
361	EB3EXL/P	JN020J	16	3435	EA5GDR/P	389		21el, 55el.
362	OE1TKW	JN88DF	26	3383	9A7D	351	50	15 ELE
363	OE3FLU	JN88DA	27	3375	S59DGO	303	10	GP
364	DG1DET/P	JN58KI	21	3220	DF0CI	332	70	2x16el.
365	DL9GS	JO31OM	25	3211	G4LIP/P	407	40	2x10ele.
366	YO2AFS	KN05TR	12	3177	S59DGO	557	150	4x14el.YAGI
367	DK9TF	JO31NF	22	3155	F6KDL/P	370	10	21el. YAGI
368	EB3DYS	JN11CK	18	3152	EA5GDR/P	357	25	21el.F9FT
369	DH2MAY	JN58SE	18	2964	DB3VE/P	346	15	20el.Gruppe
370	F9SD	IN93PE	14	2958	F6KPQ	560	6	9el.
371	OE8PPK	JN76FU	18	2903	IK1YWB/4	416	25	19 ELE
372	OK1UDJ	JO70GG	30	2853	OE5NEL/2	289	2	13el.YAGI
373	EA3GW	JN01WI	16	2831	EA5GDR/P	330	100	21el.Tonna
374	IW2MEX	JN55AN	17	2822	S59DGO	345	10	19el. Tonna
375	F3TP	IN97XQ	10	2764	DK0BN	625	1	19el.
376	IK3MLF	JN55WJ	17	2686	9A7A	340	35	VERTIKAL
377	IK3GMR	JN55RT	13	2553	9A7A	363	1	35el.
378	EA5GCT	IM99TL	13	2528	EA3DJL	333	10	21el.Tonna
379	EA5CXL/P	IN90XB	14	2460	EB3EXL/P	280		21el.Tonna
380	PA0JNH	JO22JN	13	2450	G3CKR/P	458	100	21EL
381	IN3COV	JN56OP	10	2440	I0WBX/6	441	25	25eL.
382	G3VFD	JO01AJ	12	2417	DK0BN	567	10	21 el YAGI
383	DF5DP	JO31OM	8	2397	G4YPC/P	480	500	Flexa FX7073
384	OE1ATA	JN88DE	22	2391	SP9EWO/9	244	30	19 ELE

385	EB5BCF	IM99TK	12	2389	EA3DJL/P	337	20	23el.
386	DJ2YE	JN49GP	17	2375	PI4AJS	312	20	88el.
387	DF7JS	JO31KN	20	2348	G4LIP/P	384	25	28el.
388	DF6WE	JO31GO	12	2321	G3CKR/P	601	400	4x23el.
389	YO5OHY/P	KN17UR	8	2277	9A2SB	464	25	17el.YAGI
390	DG7EX	JO41LR	13	2269	F6HPP/P	485	30	MBM 88/70
391	DG3NGO/P	JN59MI	16	2229	OE5VRL/5	259	35	11el.
392	IK0VWO	JN62LH	10	2227	IW1QBJ/1	428	170	4x35el.
393	I3MGN	JN65DN	15	2189	9A7A	305	40	19el.
394	S56HCE	JN75AP	15	2171	IKYWB/4	419	2	11 EL DL6WU
395	DK5CQ	JN58SE	12	2062	DC3FK/P	279	25	17el.
396	S56LNK	JN75AV	14	1922	IK1YWB/4	291	10	23 EL DL6WU
397	F6GLC/P	JN25BD	6	1856	PA6NL	761	75	21el.
398	EA5AMR	IM99UL	11	1798	EA3DJL/P	327	40	21el.
399	OE3PYC	JN88GE	16	1710	9A5Y	292	25	GP
400	OK1DSO	JO70DC	19	1665	DK2GR	277	50	14el.YAGI
401	DK5EQ/P	JO31RG	21	1569	PA6C	211	5	6el.
402	F6AUH	IN97RL	12	1563	DK0BN	670	25	19el.
403	DK5MF	JN58WH	2	1533	G4LIP/P	817	100	21el. Tonna
404	YO4FRJ/P	KN34AW	6	1467	LZ2FR	291	200	2x18 el. YAGI
405	DH1EAN	JO31HL	10	1463	HB9GDG/P	502	40	23 Flex Yagi
406	FLSIU	JO10WE	8	1457	DK0BN	280	15	13el.YAGI
407	DK7FP	JO31MU	22	1409	DG7NBE/P	237	10	9el.
408	IW5DLY	JN53KT	13	1342	IK2LHP	229	10	21 Tonna
409	HA7VR/P	JN97MS	10	1168	OE3XKW	261	30	YAGI
410	DG0SNK	JO61CG	18	1091	OK1DFC/P	118	35	X 500
411	OK2VMU	JN99AH	15	1079	OK1DFC/P	363	25	Helical
412	DB5JI	JO31HK	12	1013	G4LIP/P	366	25	2x19el. YAGI
413	IW3HPO/4	JN54RI	4	926	DH5NBE/P	589	10	22el. YAGI
414	OK1HRR	JO70GB	14	865	OL7M	139	25	NR 770S
415	DJ6JJ	JO31LG	5	863	DL6NAA	359	6	21el.
416	I2FUM/2	JN45MT	5	840	F4AAG/P	385	3	STILA 4
417	OE1SOW	JN88FF	12	794	HG7P	182	30	GP
418	F1EGC	JN23LO	8	769	F8CH	294	3	19el.Tonna
419	DF1YS	JO32MC	7	763	PA6NL	200	250	2xFlexaYagi
420	EA3TA	JN11AM	6	729	F6KBR/P	106	30	21el.
421	EB4BAP	IM69PU	2	715	EA4CAV/P	423	100	21el.Tonna
422	EA1DVY	IN81LN	3	683	EA6IB	683		21el.
423	DL2EBB	JO31HL	9	400	OT7D	114	35	10ele.YAGI
424	G4LRT	IO92LJ	4	323	G3CKR/P	129	35	2x18 el. YAGI
425	YO8RBE/P	KN36OP	4	309	YO4FRJ/P	210	1	YAGI
426	YO8SRI/P	KN06OP	4	309	YO4FRJ/P	210		YAGI
427	PE1MVQ	JO21PU	1	59	PA3BLS	59	30	DL6WU

## 432 MHz Multi operator

1	HB9DGX/P	JN47PH	594	270169	G7CDU	1173	1000	4*21Y 2*SP70
2	DK0BN	JN39VX	719	233619	EA1EBJ	1246	500	4x21el. Tonna
3	OT7D	JO30AM	578	183120	EA1EBJ	1174	600	4x20el. YAGI
4	G4LIP/P	JO01QD	427	180533	OE3XKW	1107	400	8x21 el YAGI
5	F6KDL/P	JN37NV	455	176007	GW8ILR	949	100	1x21el.
6	DF0CI	JO51CH	600	173212	F6GPT	1061	400	8xM EL.
7	DL1WA/P	JO50RK	542	168577	F6GPT	1079	750	4x23ele.YAGI
8	PA6NL	JO21BX	458	161659	F2UE/P	919	400	2x4x12 el. YAGI
9	DL0GTH	JO50JP	520	149337	F8XT/P	992	400	4x19el.F9FT
10	PI4AJS	JO32LG	508	149083	F/G8MBI	957	400	4X23 el DL6WU
11	<b>OK2KKW</b>	<b>JO60JJ</b>	<b>433</b>	<b>140006</b>	<b>F6GPT</b>	<b>1160</b>	<b>500</b>	<b>K1FO</b>
12	GLWPF/P	JO01KJ	333	136695	OE5NEL/2	991	400	2x21 el. YAGI
13	OE2CAL	JN67NT	317	129958	G3GNR	1290	200	2X21 el.
14	G3CKR/P	IO93AD	247	123986	DL4MEA	1054	400	2x32 el. YAGI
15	PI4GN	JO33KK	378	120310	F6HYE/P	842	150	"3XQD; 2XTOONA"
16	PA6C	JO33FB	395	119188	OE5D	732	400	2x4x36el
17	DL0UL/P	JN48UO	373	118555	G6YAY	983	250	4x21ele.YAGI
18	DL0FM	JN57GN	334	115493	G6DER	1077	75	Dipolzeile 8-Fach
19	OZ5BAL/P	JO55KR	257	113208	HB9DGX/P	943	1000	4x21 el
20	DK0ES/P	JN48TN	320	103097	G3GNR	1018	60	8x9el. YAGI
21	OE5D	JN68PC	295	101108	G3LTF	1116	200	4X23 el.
22	OK1KRQ/P	JN69HN	324	98660	F6CRP	1091	300	DL6WU
23	OK1KYY	JN69JJ	281	92596	F6KQP/P	1178	100	F9FT
24	DK0PX	JN48JC	268	90586	G3GNR	979	150	4x21el. Tonna
25	ON4CP/A	JO20IV	308	90225	F6GPT	765	150	4x15el. YAGI
26	OE5VRL/5	JN78DK	270	88312	G4YPC/P	1037	200	4X21 el.
27	OE3XKW	JN77XX	258	85413	G4LIP	1107	200	32 el.
28	DK0DA	JO40AQ	346	82827	HA3GJ	947	120	4x23el.
29	G3GHN/P	JO00HU	192	82415	OE5VRL/A	1018	350	19 el. YAGI
30	S59DGO	JN75FO	238	80575	YO3APG/P	744	500	4x21 el. TONNA
31	DF0CK	JO50AN	315	80448	F8XT/P	941	100	2x19EL.
32	I4JED/4	JN54OK	214	80434	SP9EWO/P	825	300	8x25--4x21
33	HB9XC/P	JN37MD	191	79879	G4PBP	952	100	2x21el.
34	DL0OU/P	JO43WJ	272	79689	SP9EWO/9	753	600	4x28el.YAGI
35	S50C	JN76JG	245	79549	F4AAG/P	783	200	4x26 el DJ9BV
36	LX/DK2FR/P	JN29XV	278	78757	OE3XKW	760	120	2x23el.Flexa YAGI
37	IK4GNG/4	JN64GA	184	77766	F6HPP/P	915	300	4x25el.
38	DF0WD	JO42FD	325	77605	F6KPL	739	500	2x21 + 4x11el.
39	DK0WAL	JO61OA	255	76880	G4LIP/P	825	300	2x23el. YAGI
40	DL0KK/P	JO31GJ	325	75456	F/G8MBI	859	160	4x21el.YAGI
41	HG7P	JN97KW	229	72072	DK0PX	750	100	2x26 el YAGI 19 dB
42	DA0US/P	JO40CX	264	70542	TM5AVO	1002	100	4x10el.
43	OK1KIR/P	JO60PM	253	68242	I4LCK/4	725	500	M2
44	OL7M	JO80FG	233	67710	I4JED/4	759	100	32el.
45	DL0GL/P	JO31KP	314	67613	F8XT/P	861	200	4x21el.Tonna
46	9A5Y	JN85RO	171	64406	DK0BN	854	300	8x26el.DL6WU
47	ON7WR	JO20EP	208	63864	OE3XKW	889	150	4x21el. YAGI
48	DL0SG	JN68GS	205	63688	F6KPL	1008	500	4x19ele.
49	DL4OL/P	JO52CK	237	62157	SP9EWO	662	500	4x21el.
50	OT7M	JO10UU	211	61175	OE2NEL/2	784	600	2x6x18el. YAGI
51	DL0KM	JO31BC	258	60539	F6GPT	842	150	21el.

52	OK1OKL	JO60LJ	214	59321	F6CRP	1140	300	M2
53	DL0DSA/P	JO51PN	246	58098	DK5TE/P	1077	300	4x23 el. YAGI
54	F8XT/P	JN05AI	99	55703	OK1VMS	1238	20	4x21el.Tonna
55	OE3W	JN88BA	197	55687	DL1SUN	703	200	4X19 el.
56	DF0CB	JO53AE	221	54697	HB9BA/P	681	350	4x17EL.
57	S53DKR	JN66XE	177	54617	LZ2FO	741	250	2x21 el. F9FT
58	HB9BA/P	JN37SG	136	53978	G6DER	945	75	2*19Y MGF1502
59	S53T	JN76PL	184	53793	DK0BN	678	80	2x21 F9FT
60	DK0MU	JO31QX	262	53650	F/G8MBI	945	400	8x9el. Gruppe
61	DF1LON/P	JO30WR	237	53114	F6GPT	895	500	33 EL.
62	DC5VV/P	JN39NR	206	52447				
63	F6KPL	IN99IO	102	51632	OE5NEL	1100	65	2x21el.Tonna
64	DK0ALK	JO60OM	184	51625				
65	S57C	JN65XM	167	51319	YO3AVN/P	783	400	4x21 el. F9FT
66	OL7Q/P	JN99CL	186	51131	I4LCK/4	792	120	2xDL6WU
67	9A7D	JO95EH	133	49545	DF0CI	887	500	4x23el.DL6WU
68	OK1KJB	JN79IO	193	49452	F6HPP/P	825	200	K1FO
69	HG5FMV	JN97KR	177	49446	DK5TE/P	728	100	4xUH3DX
70	HGLW	JN87GF	185	49361	DK0BN	711		2x32 el.DL9KR
71	DK0JRS	JO60OM	184	48955	F6HPP/P	724	25	4x2el.
72	S50D	JN75ST	152	48650	YO7TRE/P	782		2x4x23 el. DL6WU
73	G8OHM/P	IO92GB	140	48433	OE2CAL	1143	400	4x19 el. YAGI
74	PI4ZLD	JO11WM	157	48220	OE5NEL/2	806	150	4X17EL
75	DL0GH	JO40JN	236	47825	F6CRP	878	100	4x20el.YAGI
76	DF0TEC/P	JO73CF	144	47191	HB9XC/P	847	100	4xDL7KM
77	9A1EZA	JN86HG	162	46981	DF0CI	735	500	4x28eL.M2
78	DK0HCG/P	JN49MN	223	45426	G3GHN/P	616	100	4x11el.
79	DK0GYB	JO51NO	157	45191	9A5Y	802	300	TONNA 21el. YAGI
80	OK1KNG/P	JN69VN	171	44533	F6HPP/P	760	40	4xF9FT
81	DF0MTL	JO61JF	147	41963	F8XT/P	928	160	2x25 el.
82	9A7A	JN86EH	166	41912	IW1QJB	623	80	4x21el.YAGI
83	S59R	JN76PL	156	41894	DF0MTL	559	200	4x21 el. F9FT
84	G4PC/P	JO00EW	109	41886	OE5VRL/5	1036	200	2x21 el. YAGI
85	DF0AP/P	JN39LH	156	41427	OZ5BAL/P	761	300	4x19 EL. Yagi
86	OK2KDJ/P	JN99BM	154	40676	I4JED/4	770	340	21el.
87	DK0NO	JN59RJ	165	40117	F6APE	920	150	46el. YAGI
88	OK2KHF/P	JN99HO	140	39796	I4LCK/4	823	100	2x21el.F9FT
89	PA3BLS	JO22SI	153	38950	OE2CAL	739	10	4X17el QD
90	OK1KNF/P	JN69MJ	150	38328	F6DKW	791	100	23el.DJ9BV
91	HGLZ	JN86KU	146	38065	DL9KR	732	100	4x CORNER REFLECTOR
92	I0WBX/6	JN62OW	114	37816	OK1VMS	887	25	4x21el.YAGI
93	IK1YWB/4	JN54IE	140	37007	OKK2ZZ/P	726	200	2x25el.
94	OK1KPA	JN79US	149	36724	IW0WBX/0	784	40	21el.F9FT
95	OK1KLL/P	JN79IW	151	36524	I4LCK/4	694	50	4x16el.YAGI
96	DL9SAD	JN48NU	152	34840	OZ5BAL/P	774	130	20ele.YAGI
97	SP9WY/P	JN99MS	113	34104	I4LCK/4	858	60	23el.
98	OK2KFM	JN99FN	139	33869	I4JED/4	791	150	29el.YAGI
99	DL0TS	JO40GB	171	32445	OE3XKW	588	80	8x10ele.
100	DL0SRB	JO62VN	109	32321	F6KDL/P	702	200	2x23ele.
101	DL0LN/P	JO31PW	164	32229	F6KPL	656	120	24el.YAGI
102	HA5SHF/P	JN97MN	120	31408	I4LCK/4	710	25	2x31 el. YAGI
103	DK0SU	JN48NR	137	30293	G3CKR/P	918	35	19el. YAGI
104	DF0KO	JO30RE	147	30189	F8XT/P	771	100	2x20 el..
105	OK1KVK/P	JO60JJ	135	29932	F6CRP	1129	8	DL6WU
106	OK1KQT/P	JO80EH	125	29893	I4JED/4	760	100	2xK1FO
107	HG6Z	JN97WV	112	29230	IK4GNG/4	712	25	21 el.F9FT
108	DF0FM/P	JN49MP	124	28012	OZ5BAL/P	686	100	Flexa 7073
109	9A1CMS	JN86FJ	107	27588	DK5TE/P	572	10	25el.F9FT
110	DK0DH/P	JO31UI	152	27368	G3CKR/P	687	75	2x12el. YAGI
111	S53J	JN75EV	105	27194	DB3VE/P	668	100	4x28 el.
112	DL0NMB	JO51WH	123	27123	OM3KH/P	550	35	4xDoppler
113	DL0ZN	JN49WV	114	26151	IK4GNG/P	684	70	19ele.YAGI
114	F6KQP/P	IN87KW	68	26058	ON1KYY	1178	700	2x21eL.
115	OK2KMT	JN88TU	131	25724	DF0CK	577	10	2xF9FT
116	HB9BI	JN36QR	62	24515	DG5NFF/P	781	300	21Y SSB
117	DL0LSW	JO61XU	88	24046	F6KDL/P	658	100	2x19el.YAGI
118	DL0DLE	JO60BH	109	23971	F6HYE/P	680	50	12 el. YAGI
119	DL0EKO	JO72HC	80	23959	OT7D	622	120	4X20 el. YAGI
120	OK1RAK/P	JO60RB	101	23242	9A7D	631	35	19el.DL6WU
121	OK2KIS	JN99JQ	90	22983	I4JED/4	818	100	23el.DL6WU
122	DL0WH	JN49HN	108	22500	G4YPC/P	606	50	15ele.YAGI
123	DL0MI	JO42LH	118	22497	G1WPF/P	564	100	19el.
124	HG6V	KN07AV	93	22460	IK4GNG/4	722	10	4xDL6WU
125	OK2KJU/P	JN89SJ	100	22410	I4JED/4	731	60	DL6WU
126	S53DLB	JN76BF	99	22280	YU1BFG	581	50	21 el.F9FT
127	SO9DL	JN99LN	86	21563	I4JED/4	817	100	21el.YAGI
128	DL0PT/P	JN57IP	71	20521	G8OHM/P	1050	60	16el.YAGI
129	DG5VM/P	JO61XE	82	20352	F6KDL/P	613	25	23 EL. Yagi
130	OE3XXA	JN88CH	89	20328	LZ2FO	704	200	4X23 el.
131	M1CAT/P	JO01IG	51	19868	OE5NEL/2	998	100	24 el. YAGI
132	F5KMQ/P	JN15IC	60	19721	G3LTF	752	4	21el.Tonna
133	DB7VN/P	JN39IH	79	19620	G3CKR/P	737	40	21el. Yagi Tonna
134	HA5KHC/3	JN96CD	82	19444	IK3OBX/3	516	30	17 el. F9FT
135	OK1KSF/P	JN78DU	90	18790	DB9WH/P	514		F9FT
136	DF0GSN	JO31HB	113	18322	G3CKR/P	633	60	21EL.FEEXA
137	OK2KPD	JO80UB	82	18191	S59DGO	552	40	4x21el.YAGI
138	OK1KRY/P	JN69UT	87	17269	PA6NL	713	100	2x15el.YAGI
139	DL0PP	JN49IX	89	17133	IK4GNG	723	80	23el.YAGI
140	HA5KDQ	JN97LN	75	16383	DL1WA/P	633	10	4x16el.
141	OE5XKO/5	JN68WO	57	15041	G4YPC/P	1002	10	20 el.
142	IK3OBX/3	JN55ST	67	14924	IK7XXG/7	564	20	2x10el.
143	PA3AWJ	JO21GW	47	14300	F6HYE/P	678	20	15EL
144	HG9OZD/P	KN08FC	65	13738	S59DGO	534	15	21 el. F9FT
145	S59ACM	JN66WA	71	13317	DG3FK/P	574	10	16 el. Yagi
146	DG2FO/P	JN48MW	61	12675	HG7P	733	75	25el.Doppel
147	PI4EUR	JO21DV	52	11895	HB9WNL/P	631	25	
148	YO5KAD/P	KN17UR	30	11566	S53T	651	25	17 el. YAGI
149	OK2RAS/P	JN99PF	68	10016	DG8NKO	531	10	DJ9BV
150	DK0MN	JN58TE	48	9939	DL1EBA	560	30	10el.

151	IK2ZVU	JN4500	46	9935	F6HPP/P	603	25	25el.
152	9A2U	JN75RO	50	9643	OK2KDJ/P	475	35	4x19el.
153	IK5VLS/5	JN54FF	49	9520	9A6A	495	10	23el.YAGI
154	HB9D	JN47IH	49	9413	DK0GYB	509	100	2*10Y SP-7000
155	HA7KVR/P	JN97MS	49	9154	OK2KKW	540	30	YAGI
156	OK1KKD/P	JO60NF	64	9067	DK0BN	381	20	21el.F9FT
157	GLWAC/P	IO92BJ	44	8951	DK0PX	895	75	2x21 el. YAGI
158	IK3XTT/3	JN55JI	49	8893	9A5Y	502	5	20el.
159	S58U	JN65TM	53	8755	DH5NBE/P	493	25	10 el. Yagi
160	F6KFA	JN18CU	23	8481	OK2KKW	780	20	21el.YAGI
161	IW3RDM	JN65TS	48	7401	I5BLH/5	331	10	22el.
162	F5MMF/P	JN04QW	31	7025	OT7D	713	10	21el.
163	EA6IB	JM09SB	22	6681	F5FEN/P	686		28el.
164	I2XAV/1	JN44MU	15	5694	DL0GTH/P	657	30	21el.Tonna
165	S53UAN	JN65WW	38	5487	I2BSR	399		17 el
166	EA4CAV/P	IN90BT	20	5364	EB4BAP	423	75	38el.M2
167	S59DTB	JN86AO	32	5226	I4JED/4	447	25	26 el DJ9BV
168	S52FO	JN76EF	33	4880	I5BLH/5	407	50	41 el DJ9BV
169	OK1KMM/P	JN79GW	37	4857	HG7P	387	25	13el.YAGI
170	F8KOT/P	JN04RF	26	4845	F6KQP/P	1086	150	21el.
171	DK0UDX	JO31OM	25	4314	G3CKR/P	648	40	2x10el.
172	DK0UKW	JO31OM	25	4314	GLWPF/P	439	40	2x10el.
173	IW6DCN	JN63TL	18	3777	9A7A	360	10	9el.
174	OK2RSC	JN89QF	39	3675	OK1DFC/P	317	3	15el.YAGI
175	DL2LSM/P	JO61HH	26	3606	OZ5BAL/P	505	100	2x19el.Tonna
176	DF0SI	JN58KI	16	3382	OK2ZZ/P	402	70	2x16el.Yagi
177	9A1CGK	JN86DR	16	3144	S51ZO	309	25	18el.YAGI
178	DK0GC	JO40AV	20	2912	HB9BA/P	403	25	11el. YAGI
179	EA5AAJ	IM99SL	13	2483	EA3DJL/P	337		21el.Tonna
180	EA5GDR/P	IM99MH	12	2457	EB3EXL	389	40	21el.CAP-RADAR
181	DL0GDM	JO31JJ	21	2360	F6HPP/P	343	30	20el.YAGI
182	DK0IZ	JO43SX	9	1635	DG5LDH/P	339	30	26el.
183	DK0GM	JO42CG	12	1466	DL0GTH	255	10	21el.
184	DL0ND	JO42CG	12	1466	DL0GTH	255	10	21el. VERTIKAL
185	EA2AFF/P	IN91HH	5	1330	EA6SA	388		19el.
186	IK60AQ/6	JN63SL	6	870	S59DGO	247	25	20el.YAGI
187	YO8KAN/P	KN36OP	4	309	YO4FRJ/P	210	1	17 el. YAGI

## 1296 MHz Single operator

1	F5MKD	JN38OP	200	70295	G0WRC/P	765	90	40 el. Tonna
2	HB9AOF/P	JN36DO	131	63316	GW0EMG/P	975	50	4x23Y
3	DL4OAY/P	JO40AQ	214	49582	G3CKR/P	737	90	4X16el.
4	DL6NAQ/P	JO40XI	162	42227	F1BOC	919	60	2m dish
5	DK1VC	JO31RG	175	37806	F6CRP	845	300	2m dish
6	DL8DBN/P	JO41EF	31	34984	F6CRP	893	10	8 x Hybrid Quad
7	HB9AMH/P	JN37OE	68	31544	GW0EMG/P	974	400	1.7 m dish
8	DK2GR	JN59IE	106	29336	G3CKR/P	984	300	2X67el. YAGI
9	G6SPS/P	JO01IT	93	27459	F5FEN/P	805	150	4x23Y+35Y
10	G3XDY	JO02OB	74	26756	DL5MCG/P	809	300	8x23
11	DK2XZ/P	JO40XL	115	26384	F1EYE	677	100	4x35el. YAGI
12	ON4PS/P	JO20KQ	98	26056	F/G8MBI	732	30	35el. YAGI
13	DJ5MN	JN58WH	92	25298	G4DSF	859	700	51el.YAGI
14	DC9NI	JO50SF	105	25170	F6ELI	1080	75	4m dish
15	DJ2RU/P	JN48CO	96	25075	G4SIV/P	787	40	32el.YAGI
16	PA0EZ	JO22OF	106	24752	F5FEN/P	815	120	2m long.Y.
17	DC9BU/A	JO40XI	127	24447	F6DKW	586	70	1,2m dish
18	DL5DAV/P	JO31PG	130	22742	F5FEN/P	742	100	1,5m dish
19	HB9BBB	JN47EE	88	21965	PA0JCA	622	1000	2,4m dish
20	DL50AQ/P	JO41PU	106	20169	HB9XC/P	546	100	4X16el.YAGI
21	DL4VCG	JN39NI	83	19462	G3OHM/P	674	200	2m dish
22	PA3FPS	JO22IJ	75	19353	HB9AOF/P	654	60	1,5m dish
23	F5HRY	JN18EQ	46	18871	OE5VRL/5	877	150	1x23eL.
24	DL3YEE	JO42GE	80	18469	F5FEN/P	869	100	4x48el.YAGI
25	DL9BO/P	JN49RB	121	18052	F6BSJ	450	150	2X55el.Tonna
26	HA5BDJ/7	JN97KP	75	17933	DL6NCO	608	3	dish
27	G4ZTR	JO01KW	58	16370	HB9AHD	801	100	4x35Y
28	DG5FEB/P	JO40PL	70	15755	G3CKR/P	827	10	1,4m dish
29	PA0WMX	JO21SM	67	15691	F5FEN/P	739		
30	HA8DZ/2	JN97FQ	66	15630	IK1YWB/4	714	40	4x35 el
31	S51ZO	JN86DR	62	15559	IK1YWB/4	519	50	2X50 el. Yagi
32	DF4IAO/P	JN49KA	80	15440	G4XBF/P	644	30	1x23el.Tonna
33	PA3AWJ	JO21GW	63	15106	F5FEN/P	779	70	23 el.
34	DL3YBY	JO32PC	68	15072	G3CKR/P	635	100	2,6m dish
35	DJ3DI	JO31DI	96	14942	G3CKR/P	595	140	4X55el.
36	OK1FFD/P	JO60OK	74	14707	F6BSJ	759	60	30 loop
37	DK5WO	JO30AS	77	14457	G3CKR/P	608	130	43el.
38	PA0WWM	JO22FE	58	14211	F5FEN/P	807	50	1,3m long Y.
39	PA0BAT	JO31FX	70	13548	F5FEN/P	801	100	2X35EL
40	F6BSJ	JN26HP	33	13475	OK1OKL	741		
41	TM5AVO	JN09TD	35	12798	OE5VRL/5	929	12	35el.
42	DG2NDT/P	JO50UF	74	12590	DF0HS	409	75	4X23el.
43	DG7NDC/P	JN49WV	63	12053	G4LIP/P	616	70	67el.YAGI
44	DK9TF	JO31NF	69	11934	F5FN/P	734	10	43el. YAGI
45	DB1BX	JO32OT	48	11862	F5FEN/P	905	70	2m dish
46	S53FO/P	JN76GI	56	11637	I0FHZ	457	20	35 EL
47	F6CRP	IN96KE	21	11417	OK1OKL	1140	100	12el.
48	DL5MCG/P	JN58JD	42	11194	G3XDY	809	400	1X55 el.YAGI
49	OK2TT/P	JO80IB	52	10678	9A5Y	497	10	35el.
50	IW3HPO/4	JN54RI	53	10405	DK2GR	540	2	55 el. YAGI
51	IN30TD/IN3	JN56RW	40	10353	DL0GTH	415	10	49el.YAGI
52	OK2BFF/P	JN89NX	53	10300	DL0UL/P	558	10	27el.
53	PA0GUS	JO23TA	49	10282	HB9AHD	692	200	2X51EL
54	HA8ET	KN06DQ	39	10061	OE8TPK	489	20	4x50el.LOOP
55	IOFHZ	JN62AP	38	9943	IT9IPQ/9	569	250	3m dish
56	PA0ME	JO22OB	42	9933	OE2CAL	737	10	67EL LY
57	OE3JPC	JN88EB	45	9837	DL0UL/P	497	200	2X35 el.
58	PA0JCA	JO22JG	45	9701	G3CKR/P	465	120	2mdish

59	DF8ZW/P	JN49MP	67	9638	PA6NL	433	50	4X23el.YAGI
60	IW4CJM	JN63IX	47	9541	DK2GR	598	50	4x23el. F9FT
61	DK2DB	JN48FW	54	9472	OE5VRL/5	432	100	1,2m dish
62	F6APE	IN97QI	30	9452	DL6NAQ	844	60	4x23el.
63	OK1PGS/P	JN69MX	42	9366	9A5Y	577	10	4x13el.
64	F5PMB	JN18GW	44	9278	OK1OKL	768	80	2x35eL.
65	DL1ZC	JO52GG	41	9256	PA6NL	439	50	44el.
66	9A2RK	JN54IE	46	9229	IK1YWB/4	454	10	2x35el.YAGI
67	F6FGO	JN25QN	24	9164	G3WZR/P	839	10	55el. F9FT
68	DF7JS	JO31KN	80	8890	DL0NN	539	100	43el.YAGI
69	DL2DR	JO31TO	68	8829	F5FEN/P	785	150	4x48el.
70	PA0SQE	JO21FW	43	8772	G3CKR/P	454	60	1,5mdish
71	OE8TPK/8	JN66WQ	40	8613	HA8ET	489	8	16 el.
72	DK7FU	JN49FT	41	8480	G4LIP/P	522	15	1,5m dish
73	DG6PY/P	JO30JF	31	8445	G3OHM/P	610	10	55ele.
74	G8ZQB	JO92JN	35	8312	HB9AMH/P	818	150	40QLY
75	PE1PTQ	JO11VL	34	8275	HB9AHD	619		
76	DG9FDU/P	JO30XE	44	8242	HB9AOF/P	417	10	F9FT 55el.
77	DG9BEM	JO43CD	45	8184	OK1OKL	447	75	120cm dish
78	OE8FNK/8	JN66RS	36	8138	HA5SHF	430	40	2X16 el.
79	FLBJD/P	IN98WE	26	8135	OK1OKL	978	100	dish 1,4m
80	F5BLN	JN18ET	26	7960	OK1OKL	772	80	55el.
81	DD3JG/P	JO40CX	37	7881	F6BHI/P	729	10	20el.YAGI
82	9A2HW	JN54IE	40	7775	IK1YWB/4	454	1	55el.Tonna
83	9A2SB	JN48UO	27	7739	DL0UL/P	751	50	38el.LOOP
84	DL6NCO	JN59MI	38	7672	IK4DCX	557	30	1,2m dish
85	G8VOI/P	IO90MX	36	7595	DL0UL/P	810	40	4x26QLY
86	DK1CB	JO53CL	32	7466	DK0HCG/P	442	60	35el.YAGI
87	I4CVC	JN54WH	38	7144	DK2GR	549	10	50el.LOOP
88	IW3FZQ/4	JN54RI	37	7022	9A5Y	474	10	55el.YAGI
89	HB9MIO/P	JN37WA	29	6984	OK1OKL/P	529	10	25Y 1dBNF
90	PA3DIJ	JO33BC	30	6976	HB9AOF	723	150	45EL DL6WU
91	I3ERQ/3	JN66DB	34	6899	IK7MOI	690	10	55el.
92	DF8IK	JO30JT	33	6805	F5FEN/P	683	10	55el.YAGI
93	OE2EBO	JN67MW	27	6772	DL3YBY	619	100	4X48 el.
94	DG2BCP	JO43CE	37	6706	DK0MU	360	20	2m dish
95	OK1VMS	JO70GU	35	6651	OZ6OL	527	50	DJ9BV
96	G4AEQ	IO93PE	31	6625	HB9AHD	972	25	55Y
97	IK4FMT	JN54WG	40	6602	S53T	363	25	55el. Tonna
98	F6BHI/P	JN15EQ	15	6561	DD3JG	729	1,2	55el.
99	DF8XR	JO32MF	42	6472	HB9AHD	576	70	55el.YAGI
100	DF1EQ	JO31NC	39	6121	DB9AHD	456	100	28el. YAGI
101	PA0EHG	JO22HB	33	6034	F5MKD	422		
102	DHOHAR	JO53AP	24	5984	ON4PS/P	484	30	26el.YAGI
103	I3NGL/7	JN71UR	16	5745	I3ZVN/3	573	5	3m dish
104	OE5MKN	JN78EA	26	5642	DL0DK	421	60	2X36 el.
105	DJ5VW	JO31RJ	52	5600	OZ5BAL/P	531	220	4m dish
106	S57BLJ	JN75AV	36	5380	I5VNY/5	363	10	F9FT
107	DF4MAA	JN58WH	20	5378	PA6C	651	200	51el.YAGI
108	IW3EQO/3	JN66EA	27	5294	I3NGL/7	547	3	23el. F9FT
109	DL2KCI	JO30IW	53	5282	DG6JF/P	295	10	4x13el. YAGI
110	DL3JMM/P	JO50XL	34	5250	OE3XKW	402	50	1,5m dish
111	DG9KAF/P	JO30DQ	50	5218	PA6C	264	40	48el.Flexyagi
112	F5AOL/P	JN28HC	18	5201	OK1KRQ/P	606	1	23el.YAGI
113	G4PMK	IO91IP	26	5140	DL0DK	796	60	23Y
114	S53KS	JN65WX	31	5122	IK7MOI	617	1,1	SBFA
115	DF6WE	JO31GO	40	5096	G6SPS/P	402	120	26ele.
116	S53MV	JN66TG	36	5054	IK1YWB/4	325	0,5	SBFA
117	DK2EA/P	JO50SF	25	4950	OK2KFM	501	80	3,8m dish
118	DK3FB	JO31KC	21	4948	HB9AOF/P	511	140	1X37el.
119	DF3JQ/A	JO31NH	55	4830	DL5MCG/P	439		
120	DD4JN	JO31HF	34	4721	OK1OKL	454	75	55el.
121	HB9KAG/P	JN37WE	25	4713	OK1FFD/P	532	15	1,4 m dish
122	F6GPT	IN94SW	18	4650	ON4CP	766	10	35el.Tonna
123	DH9SCB/P	JN48WP	21	4544	G4KIY	828	15	23el.Tonna
124	DG5NFF/P	JN59KE	24	4535	PA6NL	568	5	55el.YAGI
125	DJ6JJ	JO31LG	33	4460	G4DSF/P	423	1	1,5m dish
126	FL1EJK/P	JN37KT	10	4285	F6KPQ/P	745	20	23el.
127	I5VNY/5	JN53LL	22	4285	S53FO	427	10	2x23
128	DJ8YZ	JO43KC	22	4257	HB9AOF/P	746	160	48el.
129	OK1AIY/P	JO70SQ	24	4217	DL0KL/P	479	30	4x25 loop
130	IK3COJ	JN65BN	24	4165	I3NGL/7	515	15	2m dish
131	IK5AMB/5	JN54FF	23	4126	S53FO	398	1	55el. F9FT
132	SP9WY/P	JN99MS	27	4063	S53T	460	20	44el.
133	FL1HNF	IN97XF	11	3984	DL6NAQ/P	811	100	1x21el.
134	OE1RVW/3	JN77UX	23	3972	DL0UL/P	451	2	2X QUAD
135	DH1EAN	JO31HL	36	3953	G4DSF/P	399	14	42el.YAGI
136	I3MGN	JN65DN	27	3916	I0UGB	329	10	55el.YA
137	F6KBR/P	JN12EK	16	3866	IK1YWB/4	702	15	35eL.F9FT
138	DL88BDU	JO43AA	21	3718	OZ5BAL/P	352	8	2m dish
139	GL1EHF/P	IO91GI	20	3602	F6FGO	816	18	26Y
140	OK2TF/P	JN89PV	24	3564	S53T	410	10	4xSBF
141	DJ4YJ/P	JN69JA	22	3550	HB9BBD	386	6	4el.
142	DL1LS	JN49KH	25	3511	PA6C	450	100	26loop
143	DL1LEK	JO31GF	30	3468	OK1OKL	460	10	55el.
144	HA8BI/7	JN97MI	25	3439	S59DGO	402	13	37 el F9FT
145	SP6GWB/P	JO80JG	19	3435	SP2DDV	328	40	1,4m dish
146	SP9FG	JN99XF	23	3418	OK2BFF/P	221	10	2x20 el.long YAGI
147	F2JR/P	JN03CB	14	3373	F1BOC	491	1	35el.Tonna
148	IK3WUZ	JN55VT	20	3345	I0UGB	357		
149	IK0WAC	JN61FW	16	3271	IT9IPQ	485	10	4x23 YAGI
150	FL1BOH/P	JN03KV	22	3230	F4AAG	411	15	23el.Tonna
151	G6DER	IO93GN	16	3196	DL0UL/P	954	100	1,4m
152	S57NPR	JN65TM	27	3078	IK5HGYP	271	10	55 EL F9FT
153	DK1KC/P	JN58QI	18	3056	DL0DK	258	80	51el.LY
154	9A3AQ	JN54IE	21	3032	IK1YWB/4	443	10	50el.LOOP
155	HB9RNL	JN37SN	15	3025	G4LIP/P	598	50	26Y 20dB
156	DG1MDQ	JN58LI	17	3011	IK4GNG/4	497	15	26el.Loop
157	DJ6OL	JO52AO	18	3008	OZ5BAL/P	352	10	23el.YAGI



158	OE2JG/2	JN67PW	17	2920	DK2XZ/P	372	10	19 el.
159	YO5BLA/P	KN16IX	11	2822	9A5Y	449	10	DJ9BV
160	DG7EAY	JO31BS	21	2743	DC9BU/A	311	10	18el.YAGI
161	DJ7LH/P	JN58FP	15	2740	PI4GN	589	100	4x49el.YAGI
162	DL2JDX	JO60FM	19	2696	DF0HS/P	455	40	55el.LY
163	OE1FCS	JN88GF	20	2650	S50C	254	10	4X30 el.
164	OK2JI/P	JN89JT	21	2518	S51ZO	345	15	4xSBF
165	DK2MN	JO32PC	14	2469	OK1KIR/P	453	100	2,6m dish
166	YO5TE/P	KN16JS	11	2408	OM7F/P	325	50	4x45 DL6WU
167	IK7MOI	JN80OX	6	2344	IK3OBX/3	706	10	55el.Tonna
168	DJ7TW	JN49UC	15	2254	OE2CAL	290	10	43el.YAGI
169	G4NKC	IO82SM	11	2096	PA6NL	452	180	50QLY
170	DL4DTU/P	JO60TS	23	2062	DJ60L	320	10	24el.LY
171	DL8VU	JO54EG	12	2046	PA6C	291	10	55el.Tonna
172	HG2SF/P	JN87VE	15	2024	S53T	206	1	1,2m dish
173	DL3ECQ	JO31JK	18	2016	G4DSF/P	410	6	25el.YAGI
174	DG7SFL	JN49XF	14	1970	OK1OKL	251	20	55el.Tonna
175	FLSIU	JO10WE	8	1930	G3OMH/P	426	10	4x35el.YAGI
176	IK3SSW/3	JN65DQ	14	1898	IK1YWB/4	208	10	25el.
177	S56LNX	JN75AV	13	1804	IK5HGY/P	321	0,8	55 EL TONNA
178	DG5DCR	JO31PM	16	1774	G4DSF/P	446	60	55el.Tonna
179	OZ6HY	JO45WA	8	1759	PI4AJS	361	10	35 el.
180	DG0DM/P	JO71AC	13	1703	DK0HCG/P	394	10	20el.YAGI
181	DG4FR	JO31OJ	19	1684	F5MKD	306	1	25el.YAGI
182	DL5RY/P	JN58QI	8	1674	IK1YWB/4	466	10	35el.YAGI
183	OK1BMW	JO70EI	13	1655	HA8DZ/2	420	8	22el.
184	DK5MV	JN58WH	3	1576	G4LIP/P	817	700	51el.
185	DL5DAA	JO31OK	15	1556	PA6NL	221	10	SHF 9644
186	SP6LB/P	JO71VE	8	1521	OK2KIS	270	10	32 el SP6LB
187	DL1SUN	JO53PN	8	1491	DC9NI	371	10	33el.
188	DH1BBO	JO42FS	8	1486	F5MKD	467	10	13el.YAGI
189	DG3LSM/P	JO61EG	14	1442	DK2GR	260	10	35el.F9FT
190	IT9LTA/9	JM68PD	4	1419	I0FHZ	511	10	55el.
191	SP9EWO/P	JN99LP	16	1414	OK1OKL	436	1	40 el. G3JVL
192	DL1BKK	JO43NA	11	1414	DF0HS/P	306	90	1,5m dish
193	DJ6XV	JO31LQ	17	1397	DK0BN	199	10	43el.
194	OK2XTE	JN89AR	12	1382	HA5SHF/P	326	10	G3JVL
195	SP2DDV	JO93AC	4	1326	OK2KFM	395	10	dish 1m
196	HA7VR/P	JN97MS	7	1312	SP9FG	176	15	YAGI
197	OK1DSO	JO70DC	14	1264	SP6GWB/P	179	3	68cm dish
198	DH9YAU	JO41AS	6	1024	PA6NL	270	10	55el.YAGI
199	DJ3FC	JO40HD	13	999	DK2GR	184	10	23el.YAGI
200	DL1LARJ/P	JO60AR	12	948	DK0HCG/P	250	10	1,2GHz Spinger Y
201	EA5YB/3	JN01XG	5	938	F4FEN/4	449	30	4x44el.YAGI
202	DG8NEL/P	JN59KE	5	919	HB9BBD	289	5	55el.Tonna
203	OK2JQR	JN89SE	13	904	OL7M	143	10	12el.YAGI
204	IW4DXL/6	JN63EU	4	887	S53DKR	288	10	55el.
205	I6CTJ	JN63SO	5	827	IK3WUZ	282	1,5	2x15el. YAGI
206	DL8ZAJ	JO40KD	10	806	DL0UL/P	183	5	55el. YAGI
207	OE1TKW	JN88DF	10	792	OL7Q/P	197	10	2X HELIX
208	HA7SC/P	JN97MS	9	721	OE3W	219	15	YAGI
209	DG2DWL/P	JO60VR	8	678	DL1WA	168	1,5	25el.YAGI
210	YO3APG/P	KN17UR	3	676	HG6V	275		
211	DL1SUZ	JO53UN	4	675	PI4GN	320	10	26el. Loop YAGI
212	IW5DLY	JN53KT	8	675	I0FTG	161	10	55el.Tonna
213	DF5DP	JO31OM	5	669	PI4GN	214	100	SHF 9644
214	IN3COV	JN56OP	3	667	IW4CJM	319	10	55el.Tonna
215	OE1ATA	JN88DE	11	648	OL7Q/P	200	10	35 el.
216	HB9IR/P	JN47CG	6	642	DL0DK	379	10	37Y
217	HA2RI	JN87VE	5	641	S53T	206	0,1	-
218	IK8RMB	JN72LA	3	615	IK3OBX/3	503		
219	EA5GCT	IM99TL	2	609	EA3ADW	328		
220	IV3GCP/IV3	JN65ST	7	583	IK5HGY/5	285	10	23el.
221	DF1YS	JO32MC	4	565	F5MKD	385	10	1xFlexayagi
222	YO5AJR/P	KN17UR	2	557	HA8ET	283	20	19 el. YAGI
223	UT5DL	KN18EP	2	554	HG5FMV	279		
224	ON5DG	JO20SN	6	520	PA0EZ	187	30	4x23el. YAGI
225	G4KNZ/P	JO02UP	2	421	PA0EZ	241	1	2mY
226	YO5OHZ/P	KN17UR	2	401	HG6V	274	10	19 el. YAGI
227	PA0JNH	JO22JN	4	378	PI4GN	170	35	23EL
228	OK2BDK	JN99AM	9	315	OK2BFF/P	80	3	4x16el.YAGI
229	DJ2YE/P	JN49GP	3	300	DC9BU/P	128	20	1m dish
230	G4LRT	IO92LJ	3	290	G3CKR/P	129	150	27QLY
231	EB3EXL/P	JN02OJ	1	247	EA2AFF/P	247		
232	DG1EEM	JO31GG	5	204	DL8DBN/P	128	250	55el.Tonna
233	EA3TA	JN11AM	4	186	F6KBR/P	106		
234	SP6MLK/P	JO80JG	1	124	SP6LB/P	124	30	1,4m dish
235	OK2VMU	JN99AH	3	87	OK2KFM/P	41	10	1m SAT.dish
236	OE3PYC	JN88GE	2	85	OE3XKW	49	10	GP
237	DL9GS	JO31OM	2	72	DK0DH/P	39	10	VERTIKAL
238	OE1PLW	JN88CF	3	67	OE3XKW	33	15	55 el.
239	PE1MVQ	JO21PU	1	59	PA3BLS	59	30	68EL
240	OE5LEO/2	JN67RS	1	25	OE2CAL	25	8	1,2m dish

## 1296 MHz Multi operator

1	HB9AHD	JN47QG	219	80712	G0HNV/P	1039	100	23Y
2	G4LIP/P	JO01QD	180	68100	OE3XKW	1107	35	1,2m dish
3	PA6NL	JO21BX	194	58274	F/G8MBI/P	841	100	1,8 & 2m dish
4	DL0UL/P	JN48UO	196	55947	G3CKR/P	960	120	2m dish
5	OK1OKL	JO60LJ	163	51042	F6CRP	1140	150	4xSBF
6	G4DSF/P	JO01KJ	144	47265	DJ5MN	859	50	2,5m
7	DL0GTH	JO50JP	173	44216	FLFYE/P	739	120	4x31el. YAGI
8	DF0HS/P	JO30AA	180	24276	GW0EMG/P	662	130	4x29el.YAGI
9	DL0DK	JO40XL	131	39514	G3CKR/P	870	100	4x35el.
10	PI4GN	JO33KK	143	36473	HB9AHD	708	150	1,2m dish
11	G3CKR/P	IO93AD	100	35601	HB9AHD	1035	25	1,8m dish
12	DK0PX	JN48JC	139	34264	G3OHM/P	853	200	2X55el.Tonna

13	DK0MU	JO31QX	147	29124	F/G8MDI	945	150	4X49el.YAGI
14	PA6C	JO33FB	115	28379	HB9AOF/P	718	80	2m dish
15	OE2CAL	JN67NT	89	27427	G4LIP/P	927	100	4X23 el.
16	OE5VRL/5	JN78DK	85	26224	TM5AVO	930	200	3m dish
17	PI4AJS	JO32LG	132	26187	F5FEN/P	842	90	4X23el.
18	OK1KRQ/P	JN69HN	104	24370	TM5AVO	962	40	4xSBF
19	G3OHM/P	IO92GB	78	24248	HB9AHD	943	25	1,2m dish
20	HB9XC/P	JN37MD	57	24232	G4KIY	853	10	SSB
21	DK0HCG/P	JN49MN	127	24107	G4LIP/P	572	130	35el.
22	ON4CP/A	JO20IV	100	23549	F6GPT	765	30	4x20el.
23	DK0BN	JN39VX	112	22467	F6CRP	785	40	23el.YAGI
24	IK1YWB/4	JN54IE	82	21704	IT9IPQ	791	200	dish 145cm
25	9A5Y	JN85RO	67	21159	DC9NI	665	100	8x37eL.DL6WU
26	<b>OK2KKW</b>	<b>JO60JJ</b>	<b>88</b>	<b>21131</b>	<b>F6CRP</b>	<b>1128</b>	<b>20</b>	<b>24 el.collin.</b>
27	S59DGO	JN75FO	89	20659	YU1BFG	541	50	55 el.F9FT
28	DL0MI	JO42LH	91	19855	HB9AOF/P	663	150	1,2m dish
29	PI4ZLD	JO11WM	67	18343	F5FEN/P	733	100	2X23EL F9FT
30	DF1LON/P	JO30WR	82	18189	G3CKR/P	725	100	48el.
31	DL1WA/P	JO50RK	95	17941	HB9XC/P	488	15	1,20m dish
32	OE3XKW	JN77XX	64	15663	F5MKD	651	200	2m dish
33	IK5HGY/5	JN54JD	72	15587	HA2RD	640	10	2x55YAGI
34	DL0GL/P	JO31KP	105	15536	HB9AHD	519	100	44el. YAGI
35	HG5FMV	JN97KR	66	15383	HG9OZD/P	524	10	1,4 m dish
36	DL4OL/P	JO52CK	67	15273	HB9AHD	578	120	4X23el.
37	HG7P	JN97KW	40	15164	OK1OKL	510	10	4x49 el YAGI
38	I4JED/4	JN54OK	51	15072	OL7M	760	10	dish 3,5
39	ON7WR	JO20EP	57	14677	F5FEN/P	634	80	4x23el.
40	S57C	JN65XM	69	14654	DL0UL/P	470	60	50el.DL6WU
41	S53DKR	JN66XE	71	14348	F1CH	720	7	55 el. F9FT
42	OL7Q/P	JN99CL	67	14277	DL0UL	627	20	1,2 m dish
43	GW0EMG/P	IO82KW	53	14241	HB9AOF/P	974	20	87QLY
44	S53T	JN76PL	62	14097	SP9WY/P	460	10	1x55 el. F9FT
45	IK4DCX	JN64GA	60	13934	DC9NI	694	50	dish 1,6
46	DF2JQ/P	JO31BC	95	13852	HB9AOF/P	501	100	35el.
47	PA3BLS	JO22SI	72	13241	HB9AOF/P	641	10	39EL LOOP YAGI
48	OZ5BAL/P	JO55KR	36	13071	DF0HS/P	614	100	1.4m dish
49	PA0ZM	JO32GK	61	12881	HB9AHD	609	12	1m dish
50	G4XBF/P	JO00EW	39	12549	HB9AHD	770	10	2,0m dish
51	HA5SHF/P	JN97MN	57	12181	DC9NI	622	100	3,8m dish
52	DK3IK/P	JN39IH	42	10902	G0KPW	498	10	4x23el.YAGI
53	S50C	JN76JG	50	10630	YU1BFG	534	4	55 el. F9FT
54	DF0TEC	JO73CF	34	10381	DJ5BV	564	40	1,8m dish
55	OK2KFM	JN99FN	51	10281	DK2EA/P	1170	60	2m dish
56	9A7A	JN86EH	52	10199	IK5HGY/5	475	100	YAGI
57	OK1KYY	JN69JJ	38	10039	TM5AVO	810	15	4x15el.YAGI
58	LX/DK2FR/P	JN29XV	43	9667	G3OHM/P	572	10	35el.YAGI
59	HG1W	JN87GF	49	9661	DK2GR	484		1,8M dish
60	DK0JRS	JO600M	60	9568	DG5FMV	516	10	55el. F9FT
61	OE3W	JN88BA	44	9277	F5MKD	662	10	4X15 el.
62	9A1EZA	JN86HG	45	9059	DL0UL/P	583	10	2x40eL.M2
63	DL0OU/P	JO43WJ	38	8882	HB9AHD	682	120	4x52el. YAGI
64	G4SIV/P	JO03CE	29	8876	HB9AOF/P	851	5	44QLY
65	OK1KJB	JN79IO	42	8723	I4JED/4	641	100	4x loop
66	HG6V	KN07AV	44	8398	S59DGO	496	10	2eL.DL7KM
67	9A7D	JN95EH	34	8293	YO5BLA/P	391	40	50el.LOOP
68	IK3OBX/3	JN55ST	43	8052	IK7MOI	706	5	1,4 m dish
69	OE3XXA	JN88CH	36	7134	F5MKD	664	200	3,2 m dish
70	DK0ALK	JN38TD	40	6873	OK1OKL	461	9	4X26el.
71	OK1KIR/P	JO60PM	44	6812	S51ZO	476	200	1,8m dish
72	DL0GH	JO40JN	40	6791	F6HMQ	498	20	1,2 m dish
73	PI4EUR	JO21DV	33	6787	HB9AHD	631	20	
74	OK1RAK/P	JO60RB	36	6366	HA8DZ/2	450	50	4x13el.
75	OE5XKO/5	JN68WO	34	6313	DJ2RU/P	417	10	23 el.
76	OK1KLL/P	JN79IW	38	6268	HA5SHF/P	413	10	4x25el.
77	DL0LN/P	JO31PW	52	6254	HB9AHD	540	12	2x43el. YAGI
78	OL7M	JO80FG	33	6099	I4JED/4	759	80	4xSBF
79	DF0WD	JO42FD	31	5590	G4DSF/P	528	30	2x44el.
80	DK0NA	JO50TI	30	5368	HB9MIO/P	461	150	4m dish
81	DL0NMB	JO51WH	33	5241	PA6C	417	10	8xDoppel QY
82	F6KQP/P	IN87KW	16	5239	F1EJK/P	745	90	1,4m
83	M1CAT/P	JO01IG	30	5009	F5MKD	549	2	44QLY
84	S53UAN	JN65WW	32	4889	I0PHZ	394		
85	HB9BA/P	JN37SG	11	4804	G3LQR	707	10	2x26Y MV1296S
86	DK0NO	JN59RJ	35	4758	HB9AHD	282	20	23el.YAGI
87	G3WZR/P	IO91BJ	21	4461	F6FGO	840		
88	DF0MTL	JO61JF	31	4244	DK0MU	383	10	
89	9A1CMS	JN86FJ	24	4176	OK2TT/P	395	10	35el.F9FT
90	DL0DSA/P	JO51PN	22	3816	HB9XC/P	579	100	1m dish
91	DK0GYB	JO51NO	22	3710	DJ5MN	370	10	55el. Tonna
92	S52FO	JN76EF	23	3704	IK1YWB/4	366	10	67 el.
93	DF0GSN	JO31HB	32	3701	G4DSF/P	402	10	55el.F9FT
94	DK0SU	JN48NR	29	3616	DB1BX	474	6	29el.YAGI
95	S53J	JN75EV	25	3442	IK1YWB/4	345	10	55 el. F9FT
96	I3ZVN/3	JN55PS	16	3373	I3NNGL/7	573	1	38el.YAGI
97	OK2KDJ/P	JN99BM	30	3365	DJ9MV	475	200	1,7 dish
98	OK2KJU/P	JN89SJ	25	3257	9A5Y	422	30	G3JVL
99	OK2KIS	JN99JQ	23	3046	9A5Y	469	10	55el. G3JVL
100	OK2KPD	JO80UB	22	2770	S51ZO	448	10	4x21 loop
101	9A2U	JN75RO	15	2574	IK1YWB/4	408	10	38el.LOOP
102	OK1KRY/P	JN69UT	20	2368	DL0UL/P	320	10	1,6m dish
103	DL0LSW	JO61XU	18	2292	OK1KJB	255	10	2x48el. YAGI
104	DL0SE/P	JO31PG	11	2230	OE2CAL	570	80	1,5 dish
105	F6KOT/P	JN04RF	15	2131	F4AAG/P	746	50	55eL.
106	DL9SAD	JN48NU	17	2096	DJ5BV	257	10	27el.YAGI
107	G0WRC/P	IO92BJ	14	2085	F5MKD	765		
108	DL2LSM/P	JO61HH	21	1950	OK1KRQ/P	195	20	55el. Tonna
109	OE5D	JN68PC	9	1949	DK2DB	368	8	26 el.
110	DK0DH/P	JO31UI	27	1812	PI4GN	238	50	43el.YAGI
111	HB9BI	JN36QR	8	1767	OK1OKL	579	160	60G SSB

112	OK1KKD/P	JO60NF	16	1649	DK0HCG/P	302	10	4xSBF
113	HA7KVR/P	JN97MS	20	1446	OE3XKW	231	15	
114	DK0ES/P	JN48TN	62	1432	G4XBF/P	714	10	4X11EL.yagi
115	OK1KWN/P	JO60CF	14	1325	DK0HCG/P	238	1	6el.
116	DK0IZ	JO43SX	4	1287	DK7FU	469	100	3,1 dish
117	OK2KHF/P	JN99HO	19	1279	OK2TT/P	146	3	2x23el.F9FT
118	SO9DL	JN99MS	15	1219	HG1W	315	100	35el.YAGI
119	HG9OZD/P	KN08FC	11	1146	HA8ET	158	0,5	15el.QUAGI
120	IK60AQ/6	JN63SL	4	1055	IK3OBX/3	304	10	55el.YAGI
121	DG5VM/P	JO61XE	14	1054	DC9NI	201	10	23el.YAGI
122	IW2AEJ/2	JN45RV	6	947	IK5HG/5	221	2	35el.F9FT
123	DF0CK	JO50AN	7	926	DL0UL/P	219	150	2x37el
124	HG1Z	JN86KU	9	912	S53FO/P	187	1	25el.Yagi
125	OK1KVK/P	JO60JJ	11	721	DL0GTH	145	15	26m G3JVL
126	OK1KPA	JN79US	7	547	OK1BMW	115	1	28el.YAGI
127	YO5KAD/P	KN17UR	3	522	HA8ET	283	25	18eL.YAGI
128	G0FCT	IO91PJ	9	458	G4ZTR	130		
129	EA2AFF/P	IN91HH	8	247	EB3EXL/P	247		
130	DK0UDX	JO31OM	4	140	DK0MU	52	10	vertical
131	DL0SRB	JO62VN	4	76	DL7AKL	34	10	23el.

## 2320 MHz Single operator

1	DL6NAQ/P	JO40XI	46	12943	F5HRY	578	23	2m dish
2	DK1VC	JO31RG	55	9890	F5FEN/P	746	10	2m
3	PA0EZ	JO22OF	45	8868	F5FEN/P	815	20	2mdish
4	PA3FPS	JO22IJ	30	6430	DK2GR	552	50	1,5mdish
5	PA0WWM	JO22FE	32	6238	F5FEN/P	807	15	1,3mdish
6	DL4VCG	JN39NI	24	6054	F5FEN/P	541	40	2m dish
7	DC9BU/A	JO40XI	29	5888	PA6NL	445	10	1,2m Dish
8	G6SPS/P	JO01IT	27	5874	F5FEN/P	805	5	25Y
9	DL5DAV/P	JO31PG	31	5637	F5FEN/P	742	20	1,5m dish
10	F5HRY	JN18EQ	15	5346	OK1OKL	786	30	1x25el.
11	DK2GR	JN59IE	22	5109	PA3FPS	552	50	2x67el. YAGI
12	DL3YBY	JO32PC	28	5096	G4IEV/P	449	10	2,6m dish
13	PA3AWJ	JO21GW	29	4955	G3CKR/P	460	8	25EL
14	F5PMB	JN18GW	16	4856	OK1OKL	768	25	4x25el.
15	PA0BAT	JO31FX	30	4615	DK0PX	440	40	1,2m dish
16	G4ZTR	JO01KW	21	4067	DL0UL/P	728	10	66QLY
17	I3NGL/7	JN17UR	8	4044	I3ZVN/3	573	2	dish 3M
18	IW6ALY/6	JN63QM	15	3685	S53MV	306	10	dish 1,5M
19	DB1BX	JO32OT	20	3561	DL0UL/P	500	15	2m dish
20	TM5AVO	JN09TD	11	3512	OE5VRL/P	929	7	2x25el.
21	HB9MIO/P	JN37WA	12	3364	OK1OKL/P	529	8	30Y 1dBNF
22	PA0EHG	JO22HB	21	3352	DL6NAQ/P	417		
23	PA0JCA	JO22JG	21	3242	DL6NAQ/P	417	25	2mdish
24	IW3FZQ/4	JN54RI	18	3149	S51WI	274	25	120cm dish
25	F6APE	IN97QI	14	3060	F1EJK/P	566	6	2x25el.
26	DF0CK	JO50AN	18	3052	OE2CAL	279	8	60m dish
27	9A2RK	JN54IE	13	3013	IK1YWB/4	454		
28	PA0SQE	JO21FU	21	2959	DL0MI	310	9,5	1,5mdish
29	DJ3FI	JO31DI	27	2880	DL4VCG	230	38	30el.
30	DJ6JJ	JO31LG	21	2793	PI4GN	241	75	1,50m dish
31	PA0GUS	JO23TA	20	2719	ON7WR	270	10	1,5mdish
32	HA5BDJ/7	JN97KP	15	2616	HA2RK	296	1	dish
33	PA3DIJ	JO33BC	15	2605	DL0UL/P	560	50	1,5mdish
34	F1EJK/P	JN37KT	5	2553	F6KQP/P	745	20	25el.
35	S53MV	JN66TG	15	2478	IK1YWB/4	325	0,5	SBFA, 16 dBi
36	IK3ERQ/3	JN66DB	14	2456	I3NGL/7	554	8	dish M1,2
37	DF7JS	JO31KN	24	2426	DL0IU/P	290	30	63el. YAGI
38	G8ZQB	IO92JN	15	2384	PA6NL	368	10	1,6m
39	IK3COJ	JN65BN	15	2311	I3NGL/7	515	8	dish 2m
40	IW3EQO/3	JN66EA	13	2297	I3NGL/7	547	5	25el. F9FT
41	DK2DB	JN48FW	13	2226	OE5VRL/5	432	75	1,2 dish
42	DL3JMM/P	JO50XL	14	2129	OE3XKW	402	10	1,5m dish
43	G8VOI/P	IO90MX	10	2104	F5FEN/P	770	3	44QLY
44	OK2BFF/P	JN89NX	13	2020	HA5BDJ/7	289	10	4xSBF
45	DL6NCO	JN59MI	11	1995	OE3XKW	392	20	1,2m dish
46	DF1EQ	JO31NC	13	1964	G4IEV/P	436	6	2,20m dish
47	IOFHZ	JN62AP	7	1955	IK3ERQ/3	380	9	1,2m dish
48	S51ZO	JN86DR	8	1769	IK1YWB/4	519		2X50 el.DL6WU
49	DL8BDU	JO43AA	10	1769	PI4ZLD	329	3	2m dish
50	OK1AIY/P	JO70SQ	10	1750	DK0NA	279	40	4x25 loop
51	G6DER	IO93GN	5	1720	DL0UL/P	954	30	1,4m
52	FLBJD/P	IN98WE	9	1689	F5FEN/P	485	20	1,4m dish
53	DK9TF	JO31NF	11	1611	F5FEN/P	734	0,5	33el. YAGI
54	OE2EBO	JN67MW	10	1452	DK0PX	317	10	2X84 el.
55	DG2BCP	JO43CO	10	1334	DL1BKK	228	5	2m dish
56	DK2MN	JO32PC	9	1223	DF0CK	256	10	2,6m dish
57	I4CVC	JN54WH	8	1170	S53MV	257	3	44el. LOOP
58	DK3FB	JO31UC	6	1134	G4DSF/P	476	5	1x67el. YAGI
59	DF6WE	JO31GO	11	972	PA6NL	171	10	29el Y
60	HB9AMH/P	JN37OE	4	970	PA0EZ	578	20	1D7 1dBNF
61	OE1RVW/3	JN77UX	7	957	OL7Q/P	248	1,5	2x QUAD
62	SP9FG	JN99XF	6	890		220	8	25el.YAGI
63	DL4DTU/P	JO60TS	7	764	DL0GTH	200	7	21el. LY
64	9A2SB	JN75FO	3	742	S51WI	318		
65	I3MGN	JN65DN	7	685	IK1YWB/4	197	2	25el.YA
66	DL2JDX	JO60FM	6	637	DF0CK	171	1	43el. LY
67	G4PMK	IO91IP	8	629	G3CKR/P	172	2	0,6m
68	DL2DR	JO31TO	10	591	PA3FPS	218	10	0,9m dish
69	PA0WMX	JO21SM	23	540	G3CKR/P	540	10	2mdish
70	F1HNF	IN97XF	4	526	TM1AVO	247	10	4x51el.
71	OE8TPK/8	JN66WQ	3	525	9A2RK	291	1,8	25 el.
72	OK1DSO	JO70DC	5	485	OL7M	155	0,5	0,68cm
73	DF5DP	JO31OM	4	468	PI4GN	214	5	SHF 2320
74	DL5DAA	JO31OK	4	371	PA6NL	221	8	SHF 2320
75	SP6GWB/P	JO80JG	3	339	OK1OKL	273	4	1,4m dish
76	DL1BKK	JO43NA	5	336	DL1YMK	166	75	1,5 dish

77	DG2DWL/P	JO60VR	3	296	DK0NA	159	1	32el.
78	F6EAS/P	IN99PC	1	238	F5PMB	238	7	13el.YAGI
79	G1EHF/P	IO91GI	4	237	G6XDI	71	0,2	0,5m
80	DL1EKM	JO31GH	6	231	DK1VC	64	1	25el.
81	G4LRT	IO92LJ	2	181	G3CKR/P	129	8	45QLY
82	G4KNZ/P	JO02UP	1	180	PA6NL	180	1	2mY
83	G4NKC	IO82SM	3	162	G3OHM/P	85	3	66QLY
84	IW3HPO/4	JN54RI	1	159	IW2GYI	159	1	140cm dish
85	OE5LEO/2	JN67RS	3	158	OE5VRL/5	97	0,5	1,2m dish
86	OE1ATA	JN88DE	3	154	OM1GX/P	69	1	26 el.
87	HB9IR/P	JN47CG	2	141	DK0PX	103	1	39Y
88	9A3AQ	JN75FO	2	127	S51WI	112		
89	OE5NEL/2	JN67RS	2	122	OE5VRL	97	0,8	1m dish
90	DL3YEE	JO42GE	2	115	DK0MU	83	8	1x67el. YAGI
91	OE1TKW	JN88DF	2	106	OM1GX/P	69	10	2X HELIX
92	PE1MVQ	JO21PU	1	59	PA3BLS	59	18	68EL
93	DL3ECQ	JO31JK	1	29	DL4MFM	29	3	50el. YAGI

## 2320 MHz Multi operator

1	DL0UL/P	JN48UO	55	18334	G3CKR/P	960	25	1,8m dish
2	PA6NL	JO21BX	59	14567	F5FEN/P	783	50	1,8 & 2m dish
3	G4LIP/P	JO01QD	39	12387	F5FEN/P	719		
4	DK0PX	JN48JC	41	9906	G3OHM/P	853	40	85cm dish
5	G3CKR/P	IO93AD	29	9375	DL0UL/P	960		
6	PI4GN	JO33KK	41	9101	F1EJK/P	626	25	1,2m dish
7	G4IEV/P	JO01KJ	37	9068	DC8UG	494		
8	OE5VRL/5	JN78DK	32	8510	TM5AVO	930	40	3m dish
9	DK0MU	JO31QX	48	7575	G4IEV/P	452	10	1,2m dish
10	ON7WR	JO20EP	27	7416	F5FEN/P	634	12	1,20m dish
11	G3OHM/P	IO92GB	28	7078	F5FEN/P	892		
12	DL0GTH	JO50JP	36	7057	G4LIP/P	663	80	1,5m dish
13	PA6C	JO33FB	40	7029	DL0UL/P	546	50	1,5m dish
14	OK1OKL	JO60LJ	33	6845	F5HRY	787	10	140 cm dish
15	PI4AJS	JO32LG	43	6677	F5FEN/P	842	5	1,2m dish
16	DL0MI	JO42LH	31	5998	PA6NL	332	15	1,2m
17	PI4ZLD	JO11WM	24	5400	F5FEN/P	733	2	85cm dish
18	IK1YWB/4	JN54IE	20	4645	S51ZO	520	8	dish 90cm
19	OE2CAL	JN67NT	18	4244	DL4VCG	475	25	1,2 dish
20	OE3XKW	JN77XX	18	3986	DL8UO	467	40	2m dish
21	GW0EMG/P	IO82KW	17	3957	PA6NL	502		
22	HB9AHD	JN47QG	12	3885	ON7WR	524	20	25LY
23	DL1WA/P	JO50RK	25	3742	DC6GB	338	10	1,20m dish
24	OK1KRQ/P	JN69HN	18	3432	HB9AHD	350	3	1,2m
25	S51WI	JN75FO	17	3406	I3NGL/7	442	4	41 el. YAGI
26	G4SIV/P	JO03CE	13	3208	PI4AJS	466		
27	PA3BLS	JO22SI	26	3120	G4IEV/P	337	2	1,4m dish
28	DF0CK	JO50AN	18	3052	OE2CAL	379	8	60cm dish
29	I3ZVN/3	JN55PS	14	2905	I3NGL/7	573	6	1,2 dish
30	DK0HCG/P	JN49MN	21	2857	OE2CAL	357	8	1m dish
31	IK3OBX/3	JN55ST	14	2672	I3NGL/7	564	3	dish 1,40m
32	G4XBF/P	JO00EW	11	2557	F5FEN/P	722		
33	S57C	JN65XM	14	2428	I0FHZ	354	0,2	25 el. F9FT
34	F6KPO/P	IN87KW	6	2137	F1EJK/P	745	40	1,4m
35	OL7Q/P	JN99CL	15	2114	OK1OKL	389	40	1,2m
36	M1CAT/P	JO01IG	12	1641	G3CKR/P	277		
37	OK1KIM	JO60RN	10	1504	OE3XKW	340	15	60cm
38	HA5SHF/P	JN97MN	10	1401	9A2RK	299	10	3,8 dish
39	DL0LN/P	JO31PW	16	1217	PA6NL	217	5	67el. YAGI
40	OL7M	JO80FG	8	1205	OE5VRL/5	257	10	4xSBF
41	DL40L/P	JO52CK	7	1203	PA0EZ	340	40	1m dish
42	OK2KFM	JN99FN	12	1196	OE5VRL/5	329	10	2m
43	DL0SE/P	JO31PG	4	904	F5HRY	454	20	1,5m dish
44	DK0SU	JN48NR	8	836	DL0GTH	245	6	90cm dish
45	OK1KIR/P	JO60PM	7	752	OE5VRL/5	243	30	1,8m
46	OK1KJB	JN79IO	6	742	OK1OKL	153	1	4xloop
47	OK2KIS	JN99JQ	6	541	HA5BDJ/7	227	8	G3JVL
48	OK2KHF/P	JN99HO	7	440	OK2QI/P	116	1	1horn
49	OK1KLL/P	JN79IW	5	422	OK1OKL	135	0.05	4x25loop
50	OK1KRY/P	JN69UT	4	373	OK1AIY/P	163		1,6m dish
51	OK1KRD/P	JN60NF	2	261	OK1AIY/P	179	10	4x27el.YAGI

## 3400 MHz Single operator

1	DL6NAQ/P	JO40XI	16	4111	HB9MIO	401	10	2m dish
2	DL3YBY	JO32PC	17	2557	DL6NAQ/P	269	10	1,2m dish
3	PA0EZ	JO220F	16	2378	DL6NAQ/P	390	10	2m dish
4	PA0JCA	JO22JG	13	2180	DL6NAQ/P	417	7	2m dish
5	PA0WWM	JO22FE	14	2125	DL0MI	307	6	1,3mdish
6	DJ6JJ	JO31LG	13	2118	PI4GN	241	75	1,5m dish
7	PA0BAT	JO31FX	15	1918	DL6NAQ/P	304	10	1,2m dish
8	OE8MI/8	JN66WQ	9	1886	IK1YWB/3	372	3	1m dish
9	PA0EHG	JO22HB	14	1449	G3LQR	222		
10	PA3AWJ	JO21GW	12	1341	PI4GN	229	8	90cm dish
11	DB1BX	JO32OT	7	1025	DL6NAQ/P	333	2	2m dish
12	HB9MIO/P	JN37WA	3	999	DK0NA	461	1	30Y 1dBNF
13	DF1EQ	JO31NC	7	986	PA6NL	229	5	2,20 dish
14	DK2DB	JN48FW	7	964	DK0NA	277	10	1,2m dish
15	DC9BU/A	JO40XI	7	749	DL3YBY	135	10	1,2m dish
16	OE2JG/2	JN67PW	4	608	DL0UL/P	275	1	40cm dish
17	PA0GUS	JO23TA	6	559	DL3YBY	152	8	
18	DK2MN	JO32PC	2	368	PA6NL	217	10	1,2m dish
19	G4LRT	IO92LJ	3	214	G3CKR/P	129	1	1,2m
20	DL2DR	JO31TO	3	181	DG1KJG	95	4	0,9 dish
21	G6DER	IO93GN	1	167	G8IFT/P	167	0,8	0,6m
22	DJ5VW	JO31RJ	2	106	DL3YBY	80	5	0,6 dish
23	G4PMK	IO91IP	1	47	G8IFT/P	47	0,7	0,6m

## 3400 MHz Multi operator

1	OE5VRL/5	JN78DK	11	3406	HB9AMH/P	547	8	3m dish
2	G4LIP/P	JO01QD	10	2688	DK0PX		6	1,2m
3	PA6NL	JO21BX	14	2525	G8IFT/P	382	10	1,8m dish
4	DL0MI	JO42LH	12	2397	PA0WWM	306	3	1,2m
5	PI4GN	JO33KK	13	2219	PA6NL	246	5	1m dish
6	DK0PX	JN48JC	14	2165	G4LIP/P	632	8	85cm dish
7	PA6C	JO33FB	15	2013	DJ6JJ	202	10	1,22m dish
8	G8IFT/P	IO92GB	9	1468	PA6NL		30	1,2m
9	DK0NA	JO50TI	6	1309	HB9MIO/P	461	10	4m dish
10	PA3BLS	JO22SI	10	950	DL0MI	232	0,3	1,4m dish
11	DK0HCG/P	JN49MN	6	599	DK0PX	163	3	1m dish
12	G3CKR/P	IO93AD	3	546	G4LIP/P		8	1,0m
13	DK0SU	JN48NR	3	221	DK0HCG/P	93	5	90cm dish

## 5760 MHz Single operator

1	HB9AMH/P	JN37OE	12	5697	G3CKR/P	929	25	1m dish
2	I3NGL/7	JN71UR	8	4024	I3ZVN/3	573	2	3m dish
3	IW6AVW/6	JN63QM	14	3720	IK2MMB	404	2	1,2m dish
4	S53MV	JN66TG	16	3023	IK1YWB/4	325	0,1	Feedhorn 20dBi
5	S51JN	JN75AS	14	2529	IK1YWB/4	316	0,2	1,2m dish
6	S57UUD	JN65WX	11	2096	IW6AVW/6	327	0,08	HORN 20 dB
7	HB9MIO/P	JN37WA	8	2015	DK0NA	461	5	70cm dish
8	PA0EZ	JO22OF	13	1981	HB9AMH/P	579	10	75cm dish
9	OE8MI/8	JN66WQ	9	1886	IK1YWB/4	372	3	1m dish
10	I6CXB	JN63RO	8	1875	S53MV	297	0,2	1,5m dish
11	IK3COJ	JN65BN	12	1750	IW6AVW/6	248	2	2m dish
12	I4CVC	JN54WH	8	1702	HB9SV	289	4	70cm dish
13	IK3ERQ/3	JN66DB	9	1623	I3NGL/7	554	2	dish M.1,2
14	DC9BU/A	JO40XI	9	1546	OE3VRL/5	379	4	0,9 M dish
15	DK2DB	JN48FW	8	1424	OE5VRL/5	432	2	1,2m dish
16	PA0JCA	JO22JG	8	1380	G4BR/P	267	15	2m dish
17	OK1AIY/P	JO70SQ	9	1357	DK0NA	279	1	1m dish
18	PA3AWJ	JO21GW	10	1235	PI4GN	229	20	80cm dish
19	IW2BNA	JN45ON	8	1167	I4CVC	252	4	50cm dish
20	DL3YBY	JO32PC	8	1082	PA6NL	217	5	1,2 m dish
21	PA0BAT	JO31FX	9	940	PE0MAR/P	160	4	1,2m dish
22	G8VOI/P	IO90MX	2	895	HB9AMH/P	730	0,2	0,9m
23	DJ6JJ	JO31LG	6	879	PA6C	202	3	1,5m dish
24	HB9GBT/P	JN37MD	3	747	OK1OKL/P	564	2	60cm dish
25	OE2JG/2	JN67PW	4	608	DL0UL/P	275	1	40cm dish
26	DB1BX	JO32OT	5	561	PA0JCA	174	2	2M dish
27	DL3JMM/P	JO50XL	4	465	OE5VRL/P	283	4	0,7m dish
28	DK2MM	JO32PC	3	398	PA6NL	217	5	1,2mdish
29	DF1EQ	JO31NC	3	337	PA0JCA	207	12	0,9 M dish
30	DG2DWL/P	JO60VR	4	298	OK1AIY/P	123	0,05	0,5 m dish
31	PA0WMM	JO21SM	3	297	PA6NL	110	3	2m dish
32	F1BJD/P	IN98WE	1	198	F6DPH/P	198	15	0,5m dish
33	OK1DSO	JO70DC	2	195	OK1AIY/P	110	0,25	68cm
34	OK1UFL/P	JO70SQ	2	140	DL4DTU	135	2	65cm dish
35	DL4DTU/P	JO60TS	4	139	OK1AIY/P	135	0,04	0,6 m dish
36	HA5BDJ/7	JN97KP	2	70	HG5AIR	35	-	-
37	G4LRT	IO92LJ	1	52	G8IFT/P	52	10	Horn
38	DL2DR	JO31TO	1	26	DJ5VW	26	3	0,9m dish
39	DJ5VW	JO31RJ	1	26	DL2DR	26	3	dish
40	G4PMK	IO91IP	1	23	G8IFT/P	47	0,1	0,6m

## 5760 MHz Multi operator

1	IK1YWB/4	JN54IE	24	5431	I3NGL/7	491	5	145cm dish
2	I3ZVN/3	JN55PS	21	3962	I3NGL/7	573	1	1,2m dish
3	I4JED/4	JN54OK	20	3709	OE8MI/8	326	1	1,1m dish
4	S51WI	JN75FO	17	3507	I3NGL/7	442	0,3	0,9 m dish
5	OE5VRL/5	JN78DK	11	3406	HB9AMH/P	547	8	3m dish
6	G4BRK/P	JO01QD	10	3095	DL0UL/P	660	3	N/A
7	DL0UL/P	JN48UO	13	3021	G4BRK/P	660	8	0,5m dish
8	IK3OBX/3	JN55ST	14	2760	I3NGL/7	564	1	dish 1m
9	IK5HGY/5	JN54JD	14	2753	S51WI	332	0,25	110 dish
10	OK1OKL	JO60LJ	11	2685	HB9GBT/P	564	3	140cm dish
11	PA6NL	JO21BX	12	2623	HB9AMH/P	577	5	60cm dish
12	DK0NA	JO50TI	11	2140	HB9MIO/P	461	10	0,8 m dish
13	S57C	JN65XM	8	1769	IK1YWB/4	296	0,2	0,6 m dish
14	DK0PX	JN48JC	13	1660	OE5VRL/P	409	4	0,85 m dish
15	G8IFT/P	IO92GB	7	1527	HB9AMH/P	825	20	1,2m
16	PA6C	JO33FB	11	1457	DJ6JJ	202	10	1,22m dish
17	DK2DB	JN48FW	8	1424	OE5VRL/P	432	2	1,2 m dish
18	PI4GN	JO33KK	8	1245	PA6NL	246	5	1m dish
19	PI4AJS	JO32LG	10	1150	PA6NL	197	10	1,2m dish
20	PA0WWM	JO22FE	8	1102	G4BRK/P	242	6	1,3m dish
21	G3CKR/P	IO93AD	2	1053	HB9AMH/P	928	10	1,0m
22	DL0GTH	JO50JP	5	634	DL0UL/P	240	0,5	0,6m dish
23	DK0ALK	JN38TD	4	446	HB9MIO/P	127	5	0,4 m
24	DK2MU	JO32PC	3	398	PA6NL	217	5	1,2m dish
25	DK0HCG/P	JN49MN	3	308	DL0UL	117	0,2	0,6m dish
26	OK1KIR/P	JO60PM	2	245	OK1AIY/P	160	5	1m
27	OK1KRY/P	JN69UT	2	206	OK1AIY	163		Horn
28	DK0SU	JN48NR	3	173	DK0PX	74	5	0,9 m dish
29	OK2KHF/P	JN99HO	1	33	OL7Q	33	0,2	80cm dish
30	OL7Q/P	JN99CL	1	33	OK2KHF/P	33	1	90cm dish

## 10368 MHz Single operator

1	HB9AMH/P	JN37OE	42	15920	G3CKR/P	929	10	0,9m dish
2	DG1GLH/P	JN48CO	45	10275	PA6NL	474	1	90cm dish

3	OK1UWA/P	JO60LJ	38	9777	F5HRY	787	6	120cm dish
4	OE1MCU/2	JN67RS	33	6426	DK0BN/P	482	12	90cm dish
5	PA0EZ	JO220F	35	6388	F6HYE/P	705	20	75cm dish
6	I6XCK/6	JN63QM	25	6208	HB9SV	438	10	dish 1,5m
7	F6HYE/P	JN25VV	17	6192	G8VOI/P	753	80	1,4m dish
8	I4BER/6	JN63GN	24	6152	I1LEP/1	393	5	1m dish
9	DF9IL/P	JN48EQ	34	6047	OE5MKM	430	5	0,9m dish
10	I0LVA	JN62CH	21	5800	IT9LTA/9	472	10	dish 180cm
11	DF7TK/P	JN47QT	28	5703	OK1JKT/P	403	5	60cm dish
12	F5HRY	JN18EQ	17	5673	OE5VRL/5	877	2	60cm dish
13	FLAHO/P	JN37NV	19	5184	OK1UWA/P	507	80	600 cm dish
14	I3ZJL/3	JN55PS	28	5177	IZ3ALJ/7	573	1	1,2 m dish
15	IZ3ALJ/7	JN71UR	10	5064	I3ZVN/3	573	10	180cm dish
16	DK1VC	JO31RG	33	4885	F6KBF/P	489	1	1m dish
17	IK4OMN	JN64FC	24	4821	HB9SV	340	10	1,2 M dish
18	HB9MIO/P	JN37WA	21	4404	OK1UWA/P	529	6	70cm dish
19	I6CXB	JN63RO	16	4097	IK2MMB	403	10	1,5m dish
20	IW3FZQ/4	JN54RI	22	3986	S51WI	274	0.23	60cm dish
21	S51JN	JN75AS	20	3705	IK1YWB/4	316	1	1,2 m dish
22	OE5MKM	JN78CJ	19	3659	DG1GLH/P	443	1	2m dish
23	OK1JKT/P	JO60OK	21	3368	DF6TK/P	404	1,3	1,2m dish
24	S53MV	JN66TG	18	3271	IK1YWB/4	325	0,1	Feedhorn 23dBi
25	IV3FDO/IV3	JN66SE	16	3023	I1YWB/4	314	4	1m dish
26	PA0WWM	JO22FE	19	3022	G4IEV/P	262	2,5	49cm dish
27	DC6NY/P	JN59GB	16	2943	FLAHO/P	283	1	60cm dish
28	OE8MI/8	JN66WQ	12	2859	IK1YWB/4	372	3	1m dish
29	PA3EHG	JO22HB	17	2615	DG1GLH/P	461		
30	G8VOI/P	IO90MX	8	2587	F6HYE/P	753	0,8	0,6m dish
31	IK6ZDP/6	JN63RO	11	2565	S53MV	297	8	40cm dish
32	HB9GBT/P	JN37MD	14	2525	OK1UWA/P	564	0,5	60cm dish
33	DJ6BU/P	JO40RW	16	2430	HB9AMH/P	448	4	60cm dish
34	PA0BAT	JO31FX	20	2424	DJ6BU/P	238	3	70cm dish
35	DL3NQ	JN49IN	18	2398	HBGBT/P	294	18/5	1,2m/1m dish
36	IK2LNT	JN54IX	16	2130	I0LVA/0	319	4	1m dish
37	OK1AIY/P	JO70SQ	12	2069	OE1MCU/2	357	1	175cm dish
38	I2MUT/2	JN55FJ	14	1960	I6XCK/6	311	0,2	offset 0,80 m dish
39	DJ6JJ	JO31LG	14	1959	PA6NL	211	5	72cm dish
40	DB1BX	JO32OT	12	1950	DK0BN	318	5	0,6m dish
41	DL4VCG	JN39NI	11	1947	OE5VRL/5	533	10	50cm dish
42	DL6NAQ/P	JO40XI	12	1915	HB9AMH/P	406	1	10m dish
43	DL3YBY	JO32PC	15	1713	PA6NL	217	1,4	90cm dish
44	I4JCS	JN54KV	14	1704	S51WI/P	292	0.25	Feedhorn 20 dB
45	F6BSJ	JN26HP	6	1615	OK1UWA/P	741		
46	DL3YEE	JO42GE	11	1597	PA0EHG	274	4	48cm dish
47	DC9BU/A	JO40XI	14	1591	DJ5BV	210	1	0,9m dish
48	PA3AWJ	JO21GW	14	1534	DK1VC	215	0,8	75cm dish
49	PA0JCA	JO22JG	12	1471	G4LIP/P	267	20	75cm dish
50	HB9EAH/P	JN37TJ	9	1445	DL1RQ/P	427	0,2	0,4m dish
51	FL1EJK/P	JN37KT	7	1320	F6DPH/P	326	1	50cm dish
52	DK2GR	JN59IE	9	1266	OE5VRL/5	275	0,25	60cm dish
53	DF7JS	JO31KN	14	1237	PA6NL	195	1	60cm dish
54	OE3WRA/3	JN77HX	9	1220	OK1UWA/P	295	0,15	48cm dish
55	PA0SQE	JO21FW	10	1105	DK1VC	220	0,5	70cm dish
56	IT9LTA/9	JM68PD	2	904	I0LVA/0	472	0.15	70cm dish
57	PA3DIJ	JO33BC	7	862	ON4CP/A	264	1	80cm dish
58	F6APE	IN97QI	4	809	F6KBF	257	20	60cm dish
59	G3RQZ/P	JO00HU	3	802	F6HYE/P	670	4	dish
60	OE1YVW/2	JN67RS	8	793	OE3XKW	188	12	90cm dish
61	OE2JG/2	JN67PW	10	752	DJ7GK/A	126	1	40cm dish
62	DL4DTU/P	JO60TS	11	733	OK1AIY/P	135	0,7	60cm dish
63	DG2DWL/P	JO60VR	9	614	DK0NA	159	0,1	0,5 m dish
64	HA5BDJ/P	JN97KP	6	609	OL7Q/P	210		
65	DJ5VW	JO31RJ	9	608	ON4CP/A	200	8	1,2m dish
66	DK2DB	JN48FW	5	549	DK0NA	277	0,7	0,5m dish
67	F4AQH/P	JN19PG	5	523	F6KBF/P	128	1,3	48cm dish
68	FL1BJD/P	IN98WE	3	490	F6KBF/P	198	1	0,5m dish
69	DJ5ZE	JO40IH	8	477	DF9IL/P	183	2,5	0,6m dish
70	DL2DR	JO31TO	7	429	ON4CP/A	232	1,8	0,9m dish
71	OK1UFL/P	JO70SQ	4	423	OK1UWA/P	185	0,05	65cm dish
72	PA0WWM	JO21SM	4	357	PA6NL	110	0,6	60cm dish
73	DK2MN	JO32PC	2	247	PA6NL	217	1,4	90cm dish
74	DF1EQ	JO31NC	5	227	DL1KFS	66	0,12	80cm dish
75	PA0GUS	JO23TA	4	220	DB1BX	107	2	70cm dish
76	GL1EHF/P	IO91GI	3	189	G4MAP/P	189	1	0,7m dish
77	OE3NRS	JN77HX	2	145		90	0,15	48cm dish
78	DL3JMM/P	JO50XL	4	143	OK11UWA/P	71	0,2	0,7m dish
79	HB9IR/P	JN47CG	2	141	DK0PX	103	0,2	40cm dish
80	HB9YAU/P	JO41IH	1	67	DJ6BU/P	67	0,3	60cm dish
81	G4LRT	IO92LJ	1	52	G4MAP/P	52	1	0,4m dish
82	DF5DP	JO31OM	1	47	DL0LN/P	47	0,25	60cm dish
83	G4PMK	IO91IP	1	34	GL1EHF/P	34	1	0,6m dish

## 10368 MHz Multi operator

1	OE5VRL/5	JN78DK	29	9791	F6DKW	888	20	3m dish
2	IK1YWB/4	JN54IE	37	8108	IZ3ALJ/7	491	5	145cm dish
3	DK0NA	JO50TI	39	8088	HB9AMH/P	478	10	60cm dish
4	PA6NL	JO21BX	32	7835	F6HYE/P	687	10	60cm dish
5	DK0PX	JN48JC	39	7425	OE5VRL/5	409	5	3m dish
6	I4JED/4	JN54OK	32	6410	OE5VRL/5	504	30	4m dish
7	DK0BN	JN39VX	28	6244	OE1MCU/2	482	1	0,6m dish
8	I3ZVN/3	JN55PS	30	5731	IZ3ALJ/7	573	6	1,8m dish
9	G4LIP/P	JO01QD	19	5117	HB9AMH/P	610	0,5	0,8m dish
10	S51WI	JN75FO	22	4626	IK1YWB/4	335	0,2	0,9 m dish
11	ON7WR	JO20EP	18	4480	HB9AMH/P	437	6	45cm dish
12	PA6C	JO33FB	26	4330	G4LIP/P	407	20	75cm dish
13	IK3OBX/3	JN55ST	23	4239	IZ3ALJ/7	564	1	1m dish
14	OE2CAL	JN67NT	26	4066	DK0BN	459	5	80cm dish
15	ON4CP/A	JO20IV	18	3768	HB9AMH/P	451	30	45cm dish

16	S57C	JN65XM	18	3503	IK1YWB/4	296	0,2	0,8 m dish
17	G4MAP/P	IO92GB	19	3194	HB9AMH/P	825	1	0,6m dish
18	G4HRY/P	JO01KJ	13	2955	HB9AMH/P	655	20	0,75m dish
19	DB1VY/P	JN39IH	17	2394	HB9MIO/P	269	1	60cm dish
20	G3CKR/P	IO93AD	9	2370	HB9AMH/P	928	12	0,6m dish
21	DLOGTH	JO50JP	17	2313	DF6TK/P	331	1,5	60cm dish
22	PI4AJS	JO32LG	19	2244	ON7WR	255	0,8	60cm dish
23	GOMJW/P	JO00EW	10	2037	HB9AMH/P	648	1	0,6m dish
24	OL7Q/P	JN99CL	7	1648	OK1OKL	389	0,2	90cm dish
25	OE3XKW	JN77XX	6	1086	OL7Q/P	235	15	1,2m dish
26	OK1KRQ/P	JN69HN	8	1085	OE1MCU/2	209	10	0,6m dish
27	DL0MI	JO42LH	6	967	PA6NL	332	1	50cm dish
28	DK0SU	JN48NR	10	897	DJ5BV	268	3,5	60cm dish
29	DL0LN/P	JO31PW	11	784	PA0EZ	146	5	0,7m dish
30	DL1WA/P	JO50RK	12	783	DC9BU/A	107	0,5	0,60m dish
31	DK0HCG/P	JN49MN	7	741	DLOGTH	173	1	48cm dish
32	OK2KHF/P	JN99HO	3	547	OK1KJT/P	398	0.12	60cm dish
33	DK0WAL	JO61OA	8	527	DK0NA	134	0.25	30cm dish
34	DF0GSN	JO31HB	9	524	DB1BX	149	5	60cm dish
35	OK1KIR/P	JO60PM	6	491	OK1AIY/P	160	2	1m dish
36	OE3XXA	JN88CH	3	478	OE1MCU/2	213	0,5	3,2m dish
37	OK1KID/P	JO60NF	4	307	OK1AIY/P	179	0,4	1m dish
38	DF0CK	JO50AN	3	213	DL1WA/P	101	0,14	40cm dish
39	F6KPPQ/P	JN87KW	1	198	F6APE	198	1,5	48cm dish
40	HA5SHF/P	JN97MN	4	131	HA8VF	85	1	3,8m dish
41	OK1KRY/P	JN69UT	1	78	OK1KJT/P	78		0,8m dish

## Millimetre group Single operator

Pos.	Call	Locator	[GHz]	QSO	Score	Best DX	Max.dist.	Antenna
1	IW3EHQ/3	JN66EB	47	6	792	I4BER/6	278	0,8 m Offset
2	DK0PX	JN48JC	24	7	617	HB9GBT/P	168	50cm dish
3	I4BER/6	JN63GN	24	2	540	IW3EHQ/3	278	1m dish
4	DL4DTU/P	JO60TS	24	5	390	OK1UFL/P	135	60cm dish
5	HB9GBT/P	JN37MD	24	4	365	DK0PX	169	60cm dish
6	HB9MIO/P	JN37WA	24	5	347	DK0PX	138	70cm dish
7	DC6RW/P	JN49BN	24	6	345	DH6FAE/P	132	48cm dish
8	DH9YAU/P	JO41IH	24	3	294	DL0LN/P	120	25cm dish
9	IK3OBX/3	JN55ST	24+47	2	283	I4BER/6	263	30cm dish
10	DJ5ZE/P	JO40FH	24	4	274	DJ6BU/P	99	0,48m dish
11	DJ6BU/P	JO40RW	24	3	224	DJ5ZEE/P	99	60cm dish
12	OK1UWA/P	JO60LJ	24	3	192	DK0NA	95	60cm dish
13	DG2DWL/P	JO60VR	24	4	185	OK1UWA/P	67	0,5m dish
14	DL2DR	JO31TO	24	4	175	DK2PH/P	71	60cm dish
15	HB9AMH/P	JN37OE	24	3	173	HB9MPU/P	107	1,2m dish
16	OK1AIY/P	JO70SQ	24+47+76	4	165	DL4DTU/P	135	175cm dish
17	DL3YBY	JO32PC	24	4	160	PA0BAT	59	48cm dish
18	DJ5VW	JO31RJ	24	4	157	DL0LN/P	61	1,2m dish
19	PA3AWJ	JO21GW	24	4	141	PA0EZ	56	48cm dish
20	S51JN	JN75AS	24	1	133	IW3EHQ/3	133	dish 60 cm
21	HB9MIO/P	JN37WA	47	1	128	HB9GBT/P	64	50cm dish
22	HB9GBT/P	JN37MD	47	1	128	HB9MIO/P	64	60cm dish
23	PA0EHG	JO22HB	24	4	124	PA0EZ	44	
24	DB1BX	JO32OT	24	1	90	DK2PH/P	90	0,45m dish
25	DL3NQ	JN49IN	24	4	84	DC6RW/P	40	1,6m Multi Erreger
26	IW3EHQ/3	JN66EB	24	1	64	I3SOY/3	64	0,80 offset
27	G8AYY/P	IO92BN	24	1	62	G4MAP/P	62	44cm
28	PA0BAT	JO31FX	24	1	59	DL3YBY	59	40cm dish
29	HB9BI	JN36QR	24	1	50	HB9MIO/P	50	50cm dish
30	DK2MN	JO32PC	24	1	30	PI4AJS	30	48cm dish
31	PA0EZ	JO22OF	24	4	4	PA6NL	79	38cm dish
32	PA/G4EZP	JO21BX	24	1	1	PA6NL	1	open wave guide

## Millimetre group Multi operator

1	PA6NL	JO21BX	24	5	209	PA0EZ	79	35cm dish
2	I3ZVN/3	JN55PS	24+47	3	185	IW3EHQ/3	90	40cm dish
3	DK0NA	JO50TI	24	4	175	OK1UWA/P	94	60cm dish
4	OK1KFL/P	JO70SQ	24+47+76	4	165	DL4DTU/P	135	65cm dish
5	OE2CAL	JN67NT	24	2	95	DJ8VY	84	80cm dish
6	G4MAP/P	IO92GB	24	2	87	G8AYY/P	62	35cm dish
7	PI4AJS	JO32LG	24	2	60	DK2MN	30	60cm dish
8	OK1KIR/P	JO60PM	47	1	54	OK1UWA/P	27	1m dish

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## Overall results of the 1997 IARU Region I. UHF/SHF/Microwave Contest

Overall results  
Single operator

Call	Locator	Original score						uW	Adapted score						Total	
		432	1296	2320	5760	10368	432		1296	2320	5760	10368	uW			
1	HB9AMH/P	JN37OE	4808	31544	970	5697	15920	173								
2	PA0EZ	JO22OF	35343	24752	8868	1981	6388	4	35343	82845	130679	93945	108404	1364	452581	
3	DL6NAQ/P	JO40XI	0	42227	12943	0	1915	0	0	141334	190728	0	32498	0	364559	
4	HB9MIO/P	JN37WA	0	6984	3364	2015	4404	347	0	23375	49572	95557	74736	118369	361610	
5	DK1VC	JO31RG	0	37806	9890	0	4885	0	0	126537	145739	0	82898	0	355174	
6	DL3YBY	JO32PC	33957	15072	5096	1082	1713	160	33957	50446	75095	51312	29070	54580	294458	
7	I4BER/6	JN63GN	0	0	0	0	6152	540	0	0	0	0	104399	184206	288605	
8	IW3EHQ/3	JN66EB	0	0	0	0	0	792	0	0	0	0	0	270169	270169	
9	I3NGL/7	JN17UR	0	5745	4044	4024	0	0	0	19229	59592	190830	0	0	269651	
10	DC9BU/A	JO40XI	0	24447	5888	1546	1591	0	0	81824	86766	73316	26999	0	268905	
11	PA3AWJ	JO21GW	0	15106	4955	1235	1534	141	0	50560	73017	58567	26032	48098	256274	

12	S53MV	JN66TG	0	5054	2478	3023	3271	0	0	16916	36516	143360	55509	0	252300
13	F5HRY	JN18EQ	13359	18871	5346	0	5673	0	13359	63161	78779	0	96271	0	251570
14	DK2GR	JN59IE	40321	29336	5109	0	1266	0	40321	98188	75286	0	21484	0	235279
15	F5MKD	JN38OP	0	70295	0	0	0	0	0	235277	0	0	0	0	235277
16	OK1UWA/P	JO60LJ	0	0	0	0	9777	192	0	0	0	0	165916	65495	231411
17	PA3FPS	JO22IJ	70161	19353	6430	0	0	0	70161	64774	94752	0	0	0	229688
18	S51JN	JN75AS	0	0	0	2529	3705	133	0	0	0	119933	62874	45369	228176
19	PA0BAT	JO31FX	4511	13548	4615	940	2424	59	4511	45345	68007	44578	41135	20126	223702
20	DL4VCG	JN39NI	28252	19462	6054	0	1947	0	28252	65139	89212	0	33041	0	215644
21	HB9AOF/P	JN36DO	0	63316	0	0	0	0	0	211919	0	0	0	0	211919
22	OK1AIY/P	JO70SQ	15282	4217	1750	1357	2069	165	15282	14114	25788	64353	35111	56285	210933
23	DK0PX	JN48JC	0	0	0	0	0	617	0	0	0	0	0	210472	210472
24	HB9GBT/P	JN37MD	0	0	0	747	2525	365	0	0	0	35425	42849	124510	202784
25	PA0WWM	JO22FE	3675	14211	6238	0	3022	0	3675	47564	91923	0	51283	0	194446
26	G6SFS/P	JO01IT	9775	27459	5874	0	0	0	9775	91905	86559	0	0	0	188240
27	DB1BX	JO32OT	0	11862	3561	561	1950	90	0	39702	52475	26604	33092	30701	182574
28	DL4DTU/P	JO60TS	10416	2062	764	139	733	390	10416	6902	11258	6592	12439	133038	180644
29	IW6AVW/6	JN63QM	0	0	0	3720	0	0	0	0	0	176414	0	0	176414
30	DK2DB	JN48FW	33976	9472	2226	1424	549	0	33976	31703	32802	67530	9317	0	175328
31	DG1GLH/P	JN48CO	0	0	0	0	10275	0	0	0	0	0	174367	0	174367
32	PA0JCA	JO22JG	0	9701	3242	1380	1471	0	0	32469	47774	65444	24963	0	170650
33	DL4OAY/P	JO40AQ	0	49582	0	0	0	0	0	165951	0	0	0	0	165951
34	DL5DAV/P	JO31PG	0	22742	5637	0	0	0	0	76117	83067	0	0	0	159184
35	I6CXB	JN63RO	0	0	0	1875	4097	0	0	0	0	88918	69526	0	158444
36	DL6NAA	JO50VF	157477	0	0	0	0	0	157477	0	0	0	0	0	157477
37	OK1DFC/P	JO60RN	150014	0	0	0	0	0	150014	0	0	0	0	0	150014
38	G8VOI/P	IO90MX	0	7595	2104	895	2587	0	0	25420	31005	42444	43901	0	142770
39	HA5BDJ/7	JN97KP	40547	17933	2616	70	0	0	40547	60022	38549	3320	0	0	142438
40	DL3YEE	JO42GE	49541	18469	115	0	1597	0	49541	61816	1695	0	27101	0	140152
41	DH5NBE/P	JN59OP	139033	0	0	0	0	0	139033	0	0	0	0	0	139033
42	OE8MI/8	JN66WQ	0	0	0	1886	2859	0	0	0	0	89440	48517	0	137957
43	IW3FZQ/4	JN54RI	0	7022	3149	0	3986	0	0	23503	46404	0	67642	0	137549
44	TM5AVO	JN09TD	38916	12798	3512	0	0	0	38916	42835	51753	0	0	0	133504
45	DJ6JJ	JO31LG	863	4460	2793	879	1959	0	863	14928	41158	41685	33244	0	131877
46	IK3COJ	JN65BN	0	4165	2311	1750	0	0	0	13940	34055	82990	0	0	130985
47	S51ZO	JN86DR	52726	15559	1769	0	0	0	52726	52076	26068	0	0	0	130870
48	DL2DR	JO31TO	22492	8829	591	26	429	175	22492	29551	8709	1233	7280	59696	128961
49	G4ZTR	JO01KW	14142	16370	4067	0	0	0	14142	54790	59931	0	0	0	128864
50	DG3FK/P	JO40XL	127241	0	0	0	0	0	127241	0	0	0	0	0	127241
51	I4CVC	JN54WH	0	7144	1170	1702	0	0	0	23911	17241	80714	0	0	121866
52	G3XDY	JO02OB	32269	26756	0	0	0	0	32269	89552	0	0	0	0	121821
53	OE5NEL/2	JN67RS	119250	0	122	0	0	0	119250	0	1798	0	0	0	121048
54	F6APE	IN97QI	30030	9452	3060	0	809	0	30030	31636	45092	0	13729	0	120487
55	DG7NBE/P	JO40XI	117886	0	0	0	0	0	117886	0	0	0	0	0	117886
56	DC6RW/P	JN49BN	0	0	0	0	0	345	0	0	0	0	0	117687	117687
57	DJ6BU/P	JO40RW	0	0	0	0	2430	224	0	0	0	0	41237	76411	117648
58	DL8DBN/P	JO41EF	0	34984	0	0	0	0	0	117091	0	0	0	0	117091
59	IK3ERQ/3	JN66DB	0	0	2456	1623	0	0	0	0	36192	76968	0	0	113159
60	F5PMB	JN18GW	10005	9278	4856	0	0	0	10005	31053	71558	0	0	0	112616
61	DL6AM/P	JO42QH	112256	0	0	0	0	0	112256	0	0	0	0	0	112256
62	PA0EHG	JO22HB	0	6034	3352	0	0	124	0	20196	49395	0	0	42299	111890
63	OE1MCU/2	JN67RS	0	0	0	0	6426	0	0	0	0	0	109049	0	109049
64	HA8DZ/2	JN97FQ	54742	15630	0	0	0	0	54742	52314	0	0	0	0	107056
65	I6XCK/6	JN63QM	0	0	0	0	6208	0	0	0	0	0	105350	0	105350
66	F6HYE/P	JN25VV	0	0	0	0	6192	0	0	0	0	0	105078	0	105078
67	DH9YAU/P	JO41IH	0	1024	0	0	67	294	0	3427	0	0	1137	100290	104854
68	DL4NAC/P	JO40XL	104119	0	0	0	0	0	104119	0	0	0	0	0	104119
69	F6BSJ	JN26HP	31231	13475	0	0	1615	0	31231	45101	0	0	27407	0	103738
70	DL4MEA	JN58JD	103225	0	0	0	0	0	103225	0	0	0	0	0	103225
71	DF9IL/P	JN48EQ	0	0	0	0	6047	0	0	0	0	0	102618	0	102618
72	DJ5ZE/P	JO40FH	0	0	0	0	477	274	0	0	0	0	8095	93467	101562
73	S57UUD	JN65WX	0	0	0	2096	0	0	0	0	0	99399	0	0	99399
74	F1BJD/P	IN98WE	29559	8135	1689	198	490	0	29559	27228	24889	9390	8315	0	99381
75	OK1VMS	JO70GU	77018	6651	0	0	0	0	77018	22261	0	0	0	0	99279
76	I0LVA	JN62CH	0	0	0	0	5800	0	0	0	0	0	98426	0	98426
77	DL3JMM/P	JO50XL	24869	5250	2129	465	143	0	24869	17572	31373	22052	2427	0	98292
78	DC0UU/P	JN49KA	98076	0	0	0	0	0	98076	0	0	0	0	0	98076
79	HB9IAB/P	JN36DO	96920	0	0	0	0	0	96920	0	0	0	0	0	96920
80	DF7TK/P	JN47QT	0	0	0	0	5703	0	0	0	0	0	96780	0	96780
81	IK3OBX/3	JN55ST	0	0	0	0	0	283	0	0	0	0	0	96538	96538
82	DG2DWL/P	JO60VR	0	678	296	298	614	185	0	2269	4362	14132	10420	63108	94290
83	DJ5VW	JO31RJ	9314	5600	0	26	608	157	9314	18743	0	1233	10318	53556	93164
84	DL8UD/P	JO40IT	92503	0	0	0	0	0	92503	0	0	0	0	0	92503
85	PA0SQE	JO21FU	0	8772	2959	0	1105	0	0	29360	43604	0	18752	0	91716
86	DL9NDA/P	JO50SF	90642	0	0	0	0	0	90642	0	0	0	0	0	90642
87	9A2RK	JN75VT	14638	9229	3013	0	0	0	14638	30889	44400	0	0	0	89927
88	DF7JS	JO31KN	2348	8890	2426	0	1237	0	2348	29755	35750	0	20992	0	88844
89	PA0GUS	JO23TA	10259	10282	2719	0	220	0	10259	34414	40067	0	3733	0	88473
90	DK2XZ/P	JO40XL	0	26384	0	0	0	0	0	88307	0	0	0	0	88307
91	F1AHO/P	JN37NV	0	0	0	0	5184	0	0	0	0	0	87972	0	87972
92	I3ZJL/3	JN55PS	0	0	0	0	5177	0	0	0	0	0	87854	0	87854
93	ON4PS/P	JO20KQ	0	26056	0	0	0	0	0	87209	0	0	0	0	87209
94	OK1ARI/P	JO60UQ	86587	0	0	0	0	0	86587	0	0	0	0	0	86587
95	I23ALJ/7	JN71UR	0	0	0	0	5064	0	0	0	0	0	85936	0	85936
96	DJ5MN	JN58WH	0	25298	0	0	0	0	0	84672	0	0	0	0	84672
97	PA3DIJ	JO33BC	7887	6976	2605	0	862	0	7887	23349	38387	0	14628	0	84251
98	DC9NI	JO50SF	0	25170	0	0	0	0	0	84244	0	0	0	0	84244
99	DJ2RU/P	JN48CO	0	25075	0	0	0	0	0	83926	0	0	0	0	83926
100	DB8VH/P	JN39PN	83902	0	0	0	0	0	83902	0	0	0	0	0	83902
101	DK5WO	JO30AS	35412	14457	0	0	0	0	35412	48388	0	0	0	0	83800
102	IK4OMN	JN64FC	0	0	0	0	4821	0	0	0	0	0	81812	0	81812
103	OK2TT/P	JO80IB	45675	10678	0	0	0	0	45675	35739	0	0	0	0	81414
104	DK5DQ/P	JO31PG	80819	0	0	0	0	0	80819	0	0	0	0	0	80819
105	PA0WWM	JO21SM	0	15691	540	297	357	0	0	52518	7957	14085	6058	0	80618
106															



111	DJ9KH/P	JO42OX	75400	0	0	0	0	0	75400	0	0	0	0	0	75400
112	DK7FU	JN49FT	46956	8480	0	0	0	0	46956	28383	0	0	0	0	75339
113	HB9BBD	JN47EE	0	21965	0	0	0	0	0	73517	0	0	0	0	73517
114	DL8BDU	JO43AA	33473	3718	1769	0	0	0	33473	12444	26068	0	0	0	71985
115	OK1PGS/P	JN69MX	39663	9366	0	0	0	0	39663	31348	0	0	0	0	71011
116	DG9BEM	JO43CD	42520	8184	0	0	0	0	42520	27392	0	0	0	0	69912
117	DL1EBA	JO31BS	69792	0	0	0	0	0	69792	0	0	0	0	0	69792
118	DK2MN	JO32PC	10105	2469	1223	398	247	30	10105	8264	18022	18874	4192	10234	69690
119	DL3NQ	JN49IN	0	0	0	0	2398	84	0	0	0	0	40694	28654	69348
120	OE2JG/2	JN67PW	17913	2920	0	608	752	0	17913	9773	0	28833	12761	0	69281
121	DF1EQ	JO31NC	0	6121	1964	337	227	0	0	20487	28942	15982	3852	0	69262
122	DG5LDH/P	JO31EO	68243	0	0	0	0	0	68243	0	0	0	0	0	68243
123	G8ZQB	IO92JN	4758	8312	2384	0	0	0	4758	27820	35131	0	0	0	67709
124	DL5OAQ/P	JO41PU	0	20169	0	0	0	0	0	67506	0	0	0	0	67506
125	OE3JPC	JN88EB	34147	9837	0	0	0	0	34147	32924	0	0	0	0	67071
126	DK9TF	JO31NF	3155	11934	1611	0	0	0	3155	39943	23740	0	0	0	66838
127	OE2EBO	JN67MW	21980	6772	1452	0	0	0	21980	22666	21397	0	0	0	66043
128	F6CRP	IN96KE	27253	11417	0	0	0	0	27253	38213	0	0	0	0	65466
129	DL8QS	JO43KH	65102	0	0	0	0	0	65102	0	0	0	0	0	65102
130	I4LCK/4	JN54PD	64252	0	0	0	0	0	64252	0	0	0	0	0	64252
131	OK2BFF/P	JN89NX	0	10300	2020	0	0	0	0	34474	29767	0	0	0	64241
132	PAOME	JO22OB	29635	9933	0	0	0	0	29635	33246	0	0	0	0	62881
133	OE5MKM	JN78CJ	0	0	0	0	3659	0	0	0	0	0	62093	0	62093
134	DL5MAE	JN58VF	61829	0	0	0	0	0	61829	0	0	0	0	0	61829
135	HA8ET	KN06DQ	28025	10061	0	0	0	0	28025	33674	0	0	0	0	61699
136	DG2BCP	JO43CE	18676	6706	1334	0	0	0	18676	22445	19658	0	0	0	60779
137	DL9BO/P	JN49RB	0	18052	0	0	0	0	0	60420	0	0	0	0	60420
138	OK1JKT/P	JO60OK	0	0	0	0	3368	0	0	0	0	0	57155	0	57155
139	S54M	JN86CL	55769	0	0	0	0	0	55769	0	0	0	0	0	55769
140	IW2BNA	JN45ON	0	0	0	1167	0	0	0	0	0	55343	0	0	55343
141	PE1PTQ	JO11VL	27622	8275	0	0	0	0	27622	27696	0	0	0	0	55318
142	IW6ALY/6	JN63QM	0	0	3685	0	0	0	0	0	54302	0	0	0	54302
143	DK1CB	JO53CL	29285	7466	0	0	0	0	29285	24989	0	0	0	0	54274
144	DL2DAO/P	JO31PG	53381	0	0	0	0	0	53381	0	0	0	0	0	53381
145	G6DER	IO93GN	17118	3196	1720	0	0	0	17118	10697	25346	0	0	0	53161
146	DG5FEB/P	JO40PL	0	15755	0	0	0	0	0	52732	0	0	0	0	52732
147	DF3SMA/P	JN49RB	52728	0	0	0	0	0	52728	0	0	0	0	0	52728
148	DC5VV/P	JN39NR	52447	0	0	0	0	0	52447	0	0	0	0	0	52447
149	DG8NCO	JO50VH	52189	0	0	0	0	0	52189	0	0	0	0	0	52189
150	DF4IAO/P	JN49KA	0	15440	0	0	0	0	0	51678	0	0	0	0	51678
151	DK0ALK	JN38TD	51625	0	0	0	0	0	51625	0	0	0	0	0	51625
152	IW3EQO/3	JN66EA	0	5294	2297	0	0	0	0	17719	33849	0	0	0	51568
153	DL1ZC	JO52GG	20584	9256	0	0	0	0	20584	30980	0	0	0	0	51564
154	IV3FDO/IV3	JN66SE	0	0	0	3023	0	0	0	0	0	0	51300	0	51300
155	DJ3DI	JO31DI	0	14942	0	0	0	0	0	50011	0	0	0	0	50011
156	DC6NY/P	JN59GB	0	0	0	0	2943	0	0	0	0	0	49943	0	49943
157	DG5DCR	JO31PM	43521	1774	0	0	0	0	43521	5938	0	0	0	0	49459
158	DK2HD/P	JN48CN	49450	0	0	0	0	0	49450	0	0	0	0	0	49450
159	OE8TPK/8	JN66WQ	12771	8613	525	0	0	0	12771	28828	7736	0	0	0	49335
160	DL1EJA	JO31DS	49240	0	0	0	0	0	49240	0	0	0	0	0	49240
161	OK1FFD/P	JO60OK	0	14707	0	0	0	0	0	49224	0	0	0	0	49224
162	DG3KCE/P	JO30FQ	49013	0	0	0	0	0	49013	0	0	0	0	0	49013
163	DK7ZT/P	JO40JU	48062	0	0	0	0	0	48062	0	0	0	0	0	48062
164	9A2VR	JN95FQ	47989	0	0	0	0	0	47989	0	0	0	0	0	47989
165	G4PMK	IO91IP	19354	5140	629	23	34	0	19354	17204	9269	1091	577	0	47494
166	DG7SFL	JN49XF	40408	1970	0	0	0	0	40408	6594	0	0	0	0	47002
167	DL1SUN	JO53PN	41632	1491	0	0	0	0	41632	4990	0	0	0	0	46622
168	9A2SB	JN95GM	9565	7739	742	0	0	0	9565	25902	10934	0	0	0	46402
169	F6FGO	JN25QN	15361	9164	0	0	0	0	15361	30672	0	0	0	0	46033
170	F5AOL/P	JN28HC	28160	5201	0	0	0	0	28160	17408	0	0	0	0	45568
171	DL2KXB	JO30EM	45273	0	0	0	0	0	45273	0	0	0	0	0	45273
172	DG9FDZ/P	JO40OO	45237	0	0	0	0	0	45237	0	0	0	0	0	45237
173	DF0CK	JO50AN	0	0	3052	0	0	0	0	0	44974	0	0	0	44974
174	PA3EHG	JO22HB	0	0	0	0	2615	0	0	0	0	0	44377	0	44377
175	DH0HAR	JO53AP	23832	5984	0	0	0	0	23832	20028	0	0	0	0	43860
176	IK6ZDP/6	JN63RO	0	0	0	0	2565	0	0	0	0	0	43528	0	43528
177	DG6PY/P	JO30JF	14692	8445	0	0	0	0	14692	28265	0	0	0	0	42957
178	DJ3FI	JO31DI	0	0	2880	0	0	0	0	0	42440	0	0	0	42440
179	DG2NDT/P	JO50UF	0	12590	0	0	0	0	0	42139	0	0	0	0	42139
180	DF8XR	JO32MF	20424	6472	0	0	0	0	20424	21662	0	0	0	0	42086
181	DG7EAI/A	JO31NH	41750	0	0	0	0	0	41750	0	0	0	0	0	41750
182	SP9EWO/9	JN99LP	36847	1414	0	0	0	0	36847	4733	0	0	0	0	41580
183	DL2OM	JO30SN	41470	0	0	0	0	0	41470	0	0	0	0	0	41470
184	OK2PWF/P	JN89NX	40814	0	0	0	0	0	40814	0	0	0	0	0	40814
185	DK5HQ	JO53CO	40380	0	0	0	0	0	40380	0	0	0	0	0	40380
186	DG7NDC/P	JN49WV	0	12053	0	0	0	0	0	40341	0	0	0	0	40341
187	F6BHI/P	JN15EQ	17830	6561	0	0	0	0	17830	21960	0	0	0	0	39790
188	DL8PC	JO40LH	38957	0	0	0	0	0	38957	0	0	0	0	0	38957
189	S53FO/P	JN76GI	0	11637	0	0	0	0	0	38949	0	0	0	0	38949
190	OE8FNK/8	JN66RS	11700	8138	0	0	0	0	11700	27238	0	0	0	0	38938
191	IW3HPO/4	JN54RI	926	10405	159	0	0	0	926	34826	2343	0	0	0	38095
192	DL2JDX	JO60FM	19582	2696	637	0	0	0	19582	9024	9387	0	0	0	37992
193	DF1IAZ/P	JN49RB	37544	0	0	0	0	0	37544	0	0	0	0	0	37544
194	DL5MCG/P	JN58JD	0	11194	0	0	0	0	0	37466	0	0	0	0	37466
195	OE5LEO/2	JN67RS	34388	25	158	0	0	0	34388	84	2328	0	0	0	36800
196	DK3FB	JO31KC	3491	4948	1134	0	0	0	3491	16561	16711	0	0	0	36763
197	IK2LNT	JN54IX	0	0	0	0	2130	0	0	0	0	0	36146	0	36146
198	OE5MKN	JN78EA	17055	5642	0	0	0	0	17055	18884	0	0	0	0	35939
199	F6GPT	IN94SW	19883	4650	0	0	0	0	19883	15564	0	0	0	0	35447
200	DD4JN	JO31HF	19123	4721	0	0	0	0	19123	15801	0	0	0	0	34924
201	LZ2FO	KN13KX	34816	0	0	0	0	0	34816	0	0	0	0	0	34816
202	IW1QBJ/1	JN44GK	34731	0	0	0	0	0	34731	0	0	0	0	0	34731
203	IN3OTD/IN3	JN56RW	0	10353	0	0	0	0	0	34651	0	0	0	0	34651
204	DG9BDV	JO33PE	34020	0	0	0	0	0	34020	0	0	0	0	0	34020
205	DL1EKM	JO31GF	18840	3468	231	0	0	0	18840	11607	3404	0	0	0	33851
206	DF6WE	JO31GO	2321	5096	972	0	0	0	2321	17056	14323	0	0	0	33701
207	DF4MAA	JN58WH	15650	5378	0	0	0	0	15650	18000	0	0	0	0	33650
208	DJ9RX	JO43LE	33593	0	0	0	0								

210	I2MUT/2	JN55FJ	0	0	0	0	1960	0	0	0	0	0	33261	0	33261
211	DJ8UV/P	JO41MU	33218	0	0	0	0	0	33218	0	0	0	0	0	33218
212	DK3WG	JO72GI	32909	0	0	0	0	0	32909	0	0	0	0	0	32909
213	DL1BKK	JO43NA	23102	1414	336	0	0	0	23102	4733	4951	0	0	0	32786
214	DL6BCR	JO43JH	32658	0	0	0	0	0	32658	0	0	0	0	0	32658
215	DF8ZW/P	JN49MP	0	9638	0	0	0	0	0	32258	0	0	0	0	32258
216	HB9KAG/P	JN37WE	16320	4713	0	0	0	0	16320	15774	0	0	0	0	32094
217	DG2LAB	JO54AK	32081	0	0	0	0	0	32081	0	0	0	0	0	32081
218	DG5NFF/P	JN59KE	16770	4535	0	0	0	0	16770	15179	0	0	0	0	31949
219	IW4CJM	JN63IX	0	9541	0	0	0	0	0	31934	0	0	0	0	31934
220	G4AEQ	IO93PE	9751	6625	0	0	0	0	9751	22174	0	0	0	0	31925
221	SP6MLK/P	JO80JG	30835	124	0	0	0	0	30835	415	0	0	0	0	31250
222	OK1DHC	JN69HQ	31043	0	0	0	0	0	31043	0	0	0	0	0	31043
223	OK2JI/P	JN89JT	22585	2518	0	0	0	0	22585	8428	0	0	0	0	31013
224	DF4UE	JN48RR	30903	0	0	0	0	0	30903	0	0	0	0	0	30903
225	F1HNF	IN97XF	9381	3984	526	0	0	0	9381	13334	7751	0	0	0	30467
226	DG0FMD/P	JO50XM	30343	0	0	0	0	0	30343	0	0	0	0	0	30343
227	DJ6OL	JO52AO	20020	3008	0	0	0	0	20020	10068	0	0	0	0	30088
228	DG1SGQ/P	JN49RB	29894	0	0	0	0	0	29894	0	0	0	0	0	29894
229	S57BLJ	JN75AV	11753	5380	0	0	0	0	11753	18007	0	0	0	0	29760
230	OK2BPN	JN89UE	29576	0	0	0	0	0	29576	0	0	0	0	0	29576
231	DH0GHU	JN38VN	29121	0	0	0	0	0	29121	0	0	0	0	0	29121
232	SP9EWU	JO90NH	29040	0	0	0	0	0	29040	0	0	0	0	0	29040
233	I4JCS	JN54KV	0	0	0	0	1704	0	0	0	0	0	28917	0	28917
234	IOFHZ	JN62AP	0	0	1955	0	0	0	0	0	28809	0	0	0	28809
235	DH9SCB/P	JN48WP	13557	4544	0	0	0	0	13557	15209	0	0	0	0	28766
236	DF9FD	JN49GU	28655	0	0	0	0	0	28655	0	0	0	0	0	28655
237	OK1SC	JO70OB	28497	0	0	0	0	0	28497	0	0	0	0	0	28497
238	I3NPF/3	JN55TV	28364	0	0	0	0	0	28364	0	0	0	0	0	28364
239	DL5IAM/P	JN48JX	28206	0	0	0	0	0	28206	0	0	0	0	0	28206
240	DG6DAM/P	JO31XF	28147	0	0	0	0	0	28147	0	0	0	0	0	28147
241	DJ8YZ	JO43KC	13786	4257	0	0	0	0	13786	14248	0	0	0	0	28034
242	OK1MG	JO70BD	27994	0	0	0	0	0	27994	0	0	0	0	0	27994
243	OK1DTG/P	JO70AD	27983	0	0	0	0	0	27983	0	0	0	0	0	27983
244	IW3FQT/4	JN54RI	27874	0	0	0	0	0	27874	0	0	0	0	0	27874
245	DF2VJ	JN39LI	27736	0	0	0	0	0	27736	0	0	0	0	0	27736
246	ON1MDK	JO10QH	27718	0	0	0	0	0	27718	0	0	0	0	0	27718
247	9A5KK	JO86GF	27620	0	0	0	0	0	27620	0	0	0	0	0	27620
248	DG9FDU/P	JO30XE	0	8242	0	0	0	0	0	27586	0	0	0	0	27586
249	LZ1UK/P	KN13KX	27573	0	0	0	0	0	27573	0	0	0	0	0	27573
250	OE1RVW/3	JN77UX	0	3972	957	0	0	0	0	13294	14102	0	0	0	27397
251	DD7LF	JO54CE	27271	0	0	0	0	0	27271	0	0	0	0	0	27271
252	DD4WZ/P	JN49DV	26979	0	0	0	0	0	26979	0	0	0	0	0	26979
253	OE1FBU/6	JN77WM	26697	0	0	0	0	0	26697	0	0	0	0	0	26697
254	F5BLN	JN18ET	0	7960	0	0	0	0	0	26642	0	0	0	0	26642
255	YO5BLA/P	KN16IX	16991	2822	0	0	0	0	16991	9445	0	0	0	0	26436
256	DL8VU	JO54EG	19537	2046	0	0	0	0	19537	6848	0	0	0	0	26385
257	DD3JG/P	JO40CX	0	7881	0	0	0	0	0	26378	0	0	0	0	26378
258	I5BLH/5	JN53LL	26301	0	0	0	0	0	26301	0	0	0	0	0	26301
259	9A2HW	JN85AT	0	7775	0	0	0	0	0	26023	0	0	0	0	26023
260	OK2PHM/P	JO80IA	25986	0	0	0	0	0	25986	0	0	0	0	0	25986
261	DL5BBL/P	JO42DE	25817	0	0	0	0	0	25817	0	0	0	0	0	25817
262	DG3LSM/P	JO61EG	20964	1442	0	0	0	0	20964	4826	0	0	0	0	25790
263	IW1BCW	JN45IA	25421	0	0	0	0	0	25421	0	0	0	0	0	25421
264	I3MGN	JN65DN	2189	3916	685	0	0	0	2189	13107	10094	0	0	0	25390
265	IK1WVR/5	JN44WL	25298	0	0	0	0	0	25298	0	0	0	0	0	25298
266	SP9FG	JN99XF	0	3418	890	0	0	0	0	11440	13115	0	0	0	24555
267	HB9EAH/P	JN37TJ	0	0	0	0	1445	0	0	0	0	0	24522	0	24522
268	OK1BMW	JO70EI	18799	1655	0	0	0	0	18799	5539	0	0	0	0	24338
269	DL4SKF/P	JN48MW	24034	0	0	0	0	0	24034	0	0	0	0	0	24034
270	DJ7TW	JN49UC	16399	2254	0	0	0	0	16399	7544	0	0	0	0	23943
271	DL3ECQ	JO31JK	16739	2016	29	0	0	0	16739	6748	427	0	0	0	23914
272	DL5KCI	JO30CR	23694	0	0	0	0	0	23694	0	0	0	0	0	23694
273	DG0DM/P	JO71AC	17992	1703	0	0	0	0	17992	5700	0	0	0	0	23692
274	OE1WIU/3	JN78XC	23617	0	0	0	0	0	23617	0	0	0	0	0	23617
275	DB7LN	JO44VL	23495	0	0	0	0	0	23495	0	0	0	0	0	23495
276	DG1EEM	JO31GG	22733	204	0	0	0	0	22733	683	0	0	0	0	23416
277	EALDDU	IN73FM	23206	0	0	0	0	0	23206	0	0	0	0	0	23206
278	DB7HJ	JO43UQ	23197	0	0	0	0	0	23197	0	0	0	0	0	23197
279	I3ERQ/3	JN66DB	0	6899	0	0	0	0	0	23091	0	0	0	0	23091
280	DF8IK	JO30JT	0	6805	0	0	0	0	0	22776	0	0	0	0	22776
281	OK1DSO	JO70DC	1665	1264	485	195	0	0	1665	4231	7147	9247	0	0	22290
282	OE6DRG/6	JN77KC	22188	0	0	0	0	0	22188	0	0	0	0	0	22188
283	HA2RI	JN87VE	20041	641	0	0	0	0	20041	2145	0	0	0	0	22186
284	DK4LI	JO44WQ	22158	0	0	0	0	0	22158	0	0	0	0	0	22158
285	IK4FMT	JN54WG	0	6602	0	0	0	0	0	22097	0	0	0	0	22097
286	OK2XTE	JN89AR	17349	1382	0	0	0	0	17349	4626	0	0	0	0	21975
287	OE7FRH/7	JN67DL	21863	0	0	0	0	0	21863	0	0	0	0	0	21863
288	OZ6HY	JO45WA	15722	1759	0	0	0	0	15722	5887	0	0	0	0	21609
289	F2JR/P	JN03CB	9908	3373	0	0	0	0	9908	11289	0	0	0	0	21197
290	S57GED	JN76QK	21188	0	0	0	0	0	21188	0	0	0	0	0	21188
291	G8AYY/P	IO92BN	0	0	0	0	0	62	0	0	0	0	0	21150	21150
292	F6KBR/P	JN12EK	7931	3866	0	0	0	0	7931	12940	0	0	0	0	20871
293	DL1LS	JN49KH	9016	3511	0	0	0	0	9016	11751	0	0	0	0	20767
294	OE3WRA/3	JN77HX	0	0	0	0	1220	0	0	0	0	0	20703	0	20703
295	OK2WDC	JN89PO	20579	0	0	0	0	0	20579	0	0	0	0	0	20579
296	DK2LB/P	JO53IO	20453	0	0	0	0	0	20453	0	0	0	0	0	20453
297	IV3DVB	JN65ST	20175	0	0	0	0	0	20175	0	0	0	0	0	20175
298	IT9LTA/9	JM68PD	0	1419	0	0	904	0	0	4749	0	0	15341	0	20090
299	DK1QH	JO42HA	20052	0	0	0	0	0	20052	0	0	0	0	0	20052
300	9A3AQ	JN75WS	7258	3032	127	0	0	0	7258	10148	1871	0	0	0	19278
301	YO5TE/P	KN16JS	11006	2408	0	0	0	0	11006	8060	0	0	0	0	19066
302	EALBJ	IN73FL	19040	0	0	0	0	0	19040	0	0	0	0	0	19040
303	OK2TF/P	JN89PV	7030	3564	0	0	0	0	7030	11929	0	0	0	0	18959
304	HA8BI/7	JN97MI	7361	3439	0	0	0	0	7361	11510	0	0	0	0	18871
305	OK2UDE/P	JN89JS	18798	0	0	0	0	0	18798	0	0	0	0	0	18798
306	G1EHF/P	IO91GI	0	3602	237	0	189	0	0	12056	3492	0	3207	0	18756
307	OK2BFM	JN89OI	18723	0	0	0	0	0	18723	0	0	0	0	0	18723
308	G8FBG	IO91SG	18553	0	0	0	0	0	18553	0	0	0	0	0	18553

309	DG8NEL/P	JN59KE	15221	919	0	0	0	0	15221	3076	0	0	0	0	18297
310	DG7EAY	JO31BS	8626	2743	0	0	0	0	8626	9181	0	0	0	0	17807
311	OZ1IEP	JO65ER	17684	0	0	0	0	0	17684	0	0	0	0	0	17684
312	DL2KCI	JO30IW	0	5282	0	0	0	0	0	17679	0	0	0	0	17679
313	DL1SUZ	JO53UN	15345	675	0	0	0	0	15345	2259	0	0	0	0	17604
314	HB9PZQ/P	JN47CE	17552	0	0	0	0	0	17552	0	0	0	0	0	17552
315	HB9RNL	JN37SN	7407	3025	0	0	0	0	7407	10125	0	0	0	0	17532
316	SP6LB/P	JO71VE	12391	1521	0	0	0	0	12391	5091	0	0	0	0	17482
317	DG9KAF/P	JO30DQ	0	5218	0	0	0	0	0	17465	0	0	0	0	17465
318	OK2POI/P	JN99DJ	17420	0	0	0	0	0	17420	0	0	0	0	0	17420
319	OK1DKX/P	JN79GB	17334	0	0	0	0	0	17334	0	0	0	0	0	17334
320	PA3EQK	JO22HG	17265	0	0	0	0	0	17265	0	0	0	0	0	17265
321	F1BOH/P	JN03KV	6373	3230	0	0	0	0	6373	10811	0	0	0	0	17184
322	S53KS	JN65WX	0	5122	0	0	0	0	0	17143	0	0	0	0	17143
323	HB9BI	JN36QR	0	0	0	0	0	50	0	0	0	0	0	17056	17056
324	ON5DG	JO20SN	15276	520	0	0	0	0	15276	1740	0	0	0	0	17016
325	F6HPP/P	JN19PG	16965	0	0	0	0	0	16965	0	0	0	0	0	16965
326	DG3SAN	JN48WW	16678	0	0	0	0	0	16678	0	0	0	0	0	16678
327	DK6HA/P	JO53IO	16611	0	0	0	0	0	16611	0	0	0	0	0	16611
328	DG1MDQ	JN58LI	6500	3011	0	0	0	0	6500	10078	0	0	0	0	16578
329	DK2EA/P	JO50SF	0	4950	0	0	0	0	0	16568	0	0	0	0	16568
330	SP6GWB/P	JO80JG	0	3435	339	0	0	0	0	11497	4996	0	0	0	16492
331	HG2SF/P	JN87VE	9554	2024	0	0	0	0	9554	6774	0	0	0	0	16328
332	DB7SJ/P	JN48MW	16290	0	0	0	0	0	16290	0	0	0	0	0	16290
333	DF3JQ/A	JO31NH	0	4830	0	0	0	0	0	16166	0	0	0	0	16166
334	G4ITF/P	IO90MX	15759	0	0	0	0	0	15759	0	0	0	0	0	15759
335	HA5EA/4	JN97HE	15683	0	0	0	0	0	15683	0	0	0	0	0	15683
336	S57NPR	JN65TM	5197	3078	0	0	0	0	5197	10302	0	0	0	0	15499
337	DK4MM	JO40WK	15411	0	0	0	0	0	15411	0	0	0	0	0	15411
338	DG1LL	JO54AI	15403	0	0	0	0	0	15403	0	0	0	0	0	15403
339	DG3FCT	JO41RB	15356	0	0	0	0	0	15356	0	0	0	0	0	15356
340	DG9BCL/P	JO42DE	15214	0	0	0	0	0	15214	0	0	0	0	0	15214
341	DH1EAN	JO31HL	1463	3953	0	0	0	0	1463	13231	0	0	0	0	14694
342	F4AAG/P	JN23WE	14589	0	0	0	0	0	14589	0	0	0	0	0	14589
343	DJ7LH/P	JN58FP	5404	2740	0	0	0	0	5404	9171	0	0	0	0	14575
344	DH1BBO	JO42FS	9599	1486	0	0	0	0	9599	4974	0	0	0	0	14573
345	OK1DMX	JO70WE	14533	0	0	0	0	0	14533	0	0	0	0	0	14533
346	DL4YAJ	JO41FX	14347	0	0	0	0	0	14347	0	0	0	0	0	14347
347	I5VNY/5	JN53LL	0	4285	0	0	0	0	0	14342	0	0	0	0	14342
348	DL5NEB	JN59KV	14316	0	0	0	0	0	14316	0	0	0	0	0	14316
349	DL5YDR	JO32MF	14299	0	0	0	0	0	14299	0	0	0	0	0	14299
350	OE1FCS	JN88GF	5352	2650	0	0	0	0	5352	8870	0	0	0	0	14222
351	DD9ZY	JO40HE	13893	0	0	0	0	0	13893	0	0	0	0	0	13893
352	DK0ATV	JO32OH	13824	0	0	0	0	0	13824	0	0	0	0	0	13824
353	OK1UFL/P	JO70SQ	0	0	140	423	0	0	0	0	6639	7178	0	0	13818
354	IK5AMB/5	JN54FF	0	4126	0	0	0	0	0	13810	0	0	0	0	13810
355	HA7SC/P	JN97MS	11288	721	0	0	0	0	11288	2413	0	0	0	0	13701
356	UT5DL	KN18EP	11795	554	0	0	0	0	11795	1854	0	0	0	0	13649
357	G3RQZ/P	JO00HU	0	0	0	802	0	0	0	0	0	13610	0	0	13610
358	SP9WY/P	JN99MS	0	4063	0	0	0	0	0	13599	0	0	0	0	13599
359	PD0IFS	JO32EA	13590	0	0	0	0	0	13590	0	0	0	0	0	13590
360	DG9FCH	JO40AV	13504	0	0	0	0	0	13504	0	0	0	0	0	13504
361	OE1YVW/2	JN67RS	0	0	0	793	0	0	0	0	0	13457	0	0	13457
362	DL2DUL/P	JO61QA	13137	0	0	0	0	0	13137	0	0	0	0	0	13137
363	SP2DDV	JO93AC	8503	1326	0	0	0	0	8503	4438	0	0	0	0	12941
364	DG0XS	JO51NP	12901	0	0	0	0	0	12901	0	0	0	0	0	12901
365	HB9RHV	JN36KX	12892	0	0	0	0	0	12892	0	0	0	0	0	12892
366	I6CTJ	JN63SO	10104	827	0	0	0	0	10104	2768	0	0	0	0	12872
367	DF9PX	JN49HU	12824	0	0	0	0	0	12824	0	0	0	0	0	12824
368	DL4BR/P	JO42DE	12783	0	0	0	0	0	12783	0	0	0	0	0	12783
369	DL7YS	JO62QL	12675	0	0	0	0	0	12675	0	0	0	0	0	12675
370	PA3AKM	JO32BS	12658	0	0	0	0	0	12658	0	0	0	0	0	12658
371	DJ9MH	JO50FA	12625	0	0	0	0	0	12625	0	0	0	0	0	12625
372	OE5OHO	JN78EG	12619	0	0	0	0	0	12619	0	0	0	0	0	12619
373	YO5AJR/P	KN17UR	10641	557	0	0	0	0	10641	1864	0	0	0	0	12505
374	DF5DP	JO31OM	2397	669	468	0	47	0	2397	2239	6896	0	798	0	12330
375	IW4DXL/6	JN63EU	9325	887	0	0	0	0	9325	2969	0	0	0	0	12294
376	DL8ZAJ	JO40KD	9551	806	0	0	0	0	9551	2698	0	0	0	0	12249
377	IK2LHP	JN45SP	12186	0	0	0	0	0	12186	0	0	0	0	0	12186
378	DG0OJX/P	JO50KM	12066	0	0	0	0	0	12066	0	0	0	0	0	12066
379	DH8JT	JO31CQ	12060	0	0	0	0	0	12060	0	0	0	0	0	12060
380	DL8CMM/P	JO52VM	11948	0	0	0	0	0	11948	0	0	0	0	0	11948
381	DJ4YJ/P	JN69JA	0	3550	0	0	0	0	0	11882	0	0	0	0	11882
382	IK3SSW/3	JN65DQ	5294	1898	0	0	0	0	5294	6353	0	0	0	0	11647
383	DL3ARK	JO50CT	11589	0	0	0	0	0	11589	0	0	0	0	0	11589
384	YO3APG/P	KN17UR	9274	676	0	0	0	0	9274	2263	0	0	0	0	11537
385	DL2ZA/P	JN59VL	11284	0	0	0	0	0	11284	0	0	0	0	0	11284
386	DL8LRZ/P	JO61DK	11279	0	0	0	0	0	11279	0	0	0	0	0	11279
387	IK3WUZ	JN55VT	0	3345	0	0	0	0	0	11196	0	0	0	0	11196
388	DL3FDL	JO40KR	10970	0	0	0	0	0	10970	0	0	0	0	0	10970
389	IK0WAC	JN61FW	0	3271	0	0	0	0	0	10948	0	0	0	0	10948
390	IK8RMB	JN72LA	8889	615	0	0	0	0	8889	2058	0	0	0	0	10947
391	DL9BCL/P	JO42DE	10888	0	0	0	0	0	10888	0	0	0	0	0	10888
392	YO2IS	KN05PS	10858	0	0	0	0	0	10858	0	0	0	0	0	10858
393	S56IHX	JN76JA	10831	0	0	0	0	0	10831	0	0	0	0	0	10831
394	OK1AUK	JN69RR	10796	0	0	0	0	0	10796	0	0	0	0	0	10796
395	DJ6XV	JO31LQ	6086	1397	0	0	0	0	6086	4676	0	0	0	0	10762
396	ON4KBE	JO20BI	10759	0	0	0	0	0	10759	0	0	0	0	0	10759
397	DL5DAA	JO31OK	0	1556	371	0	0	0	0	5208	5467	0	0	0	10675
398	I2ADN	JN45MS	10564	0	0	0	0	0	10564	0	0	0	0	0	10564
399	F1URM/P	JN37MW	10553	0	0	0	0	0	10553	0	0	0	0	0	10553
400	DG0LB/P	JO61NB	10521	0	0	0	0	0	10521	0	0	0	0	0	10521
401	LZ2FR	KN13IU	10490	0	0	0	0	0	10490	0	0	0	0	0	10490
402	DL1ARJ/P	JO60AR	7232	948	0	0	0	0	7232	3173	0	0	0	0	10405
403	HB9IR/P	JN47CG	3766	642	141	0	141	0	3766	2149	2078	0	2393	0	10385
404	OK2PTS/P	JN89WH	10355	0	0	0	0	0	10355	0	0	0	0	0	10355
405	OK2MIT/P	JN88EU	10348	0	0	0	0	0	10348	0	0	0	0	0	10348
406	DD6HZ	JO62QN	10235	0	0	0	0	0	10235	0	0	0	0	0	10235
407	DK1KC/P	JN58QI	0	3056	0	0	0	0	0	10228	0	0	0	0	10228

408	HG5ATD/7	JN97MS	9767	0	0	0	0	0	9767	0	0	0	0	0	9767
409	IK7XXG/7	JN71UR	9743	0	0	0	0	0	9743	0	0	0	0	0	9743
410	IK4ADE	JN54OE	9652	0	0	0	0	0	9652	0	0	0	0	0	9652
411	YO2BBT/P	KN05WG	9576	0	0	0	0	0	9576	0	0	0	0	0	9576
412	DJ3FC	JO40HD	6174	999	0	0	0	0	6174	3344	0	0	0	0	9518
413	DB4UD/P	JN49KH	9497	0	0	0	0	0	9497	0	0	0	0	0	9497
414	DL5SWB/P	JO63AR	9434	0	0	0	0	0	9434	0	0	0	0	0	9434
415	G4NKC	IO82SM	0	2096	162	0	0	0	0	7015	2387	0	0	0	9403
416	OE1PLW	JN88CF	9069	67	0	0	0	0	9069	224	0	0	0	0	9293
417	DL5RY/P	JN58QI	3643	1674	0	0	0	0	3643	5603	0	0	0	0	9246
418	YO5OHZ/P	KN17UR	7697	401	0	0	0	0	7697	1342	0	0	0	0	9039
419	DG1ALX/P	JN58KI	8994	0	0	0	0	0	8994	0	0	0	0	0	8994
420	DL4HJ	JO43WH	8983	0	0	0	0	0	8983	0	0	0	0	0	8983
421	DC8WPA	JN49BW	8983	0	0	0	0	0	8983	0	0	0	0	0	8983
422	YO2BCT/P	KN05TR	8927	0	0	0	0	0	8927	0	0	0	0	0	8927
423	F4AQH/P	JN19PG	0	0	0	0	523	0	0	0	0	0	8875	0	8875
424	DF2PN	JO30TH	8836	0	0	0	0	0	8836	0	0	0	0	0	8836
425	OE7HWI/7	JN67CO	8808	0	0	0	0	0	8808	0	0	0	0	0	8808
426	G4KNZ/P	JO02UP	4743	421	180	0	0	0	4743	1409	2652	0	0	0	8805
427	OK2JQR	JN89SE	5626	904	0	0	0	0	5626	3026	0	0	0	0	8652
428	HG4GGV	JN96LX	8499	0	0	0	0	0	8499	0	0	0	0	0	8499
429	IW4CAX	JN45WG	8438	0	0	0	0	0	8438	0	0	0	0	0	8438
430	EA6SA	JM19IR	8246	0	0	0	0	0	8246	0	0	0	0	0	8246
431	I1ZHH	JN35VG	8150	0	0	0	0	0	8150	0	0	0	0	0	8150
432	DB8DF	JO31PG	8147	0	0	0	0	0	8147	0	0	0	0	0	8147
433	DG8BCC	JO43BB	8113	0	0	0	0	0	8113	0	0	0	0	0	8113
434	IN3KLQ	JN56RG	8099	0	0	0	0	0	8099	0	0	0	0	0	8099
435	DJ0VZ	JO30GL	8078	0	0	0	0	0	8078	0	0	0	0	0	8078
436	S56LNX	JN75AV	1922	1804	0	0	0	0	1922	6038	0	0	0	0	7960
437	OK2SNX	JN99BO	7935	0	0	0	0	0	7935	0	0	0	0	0	7935
438	F1SIU	JO10WE	1457	1930	0	0	0	0	1457	6460	0	0	0	0	7917
439	DH1TS/P	JO30PP	7891	0	0	0	0	0	7891	0	0	0	0	0	7891
440	IK2OCJ	JN55CL	7869	0	0	0	0	0	7869	0	0	0	0	0	7869
441	IK7MOI	JN80OX	0	2344	0	0	0	0	0	7845	0	0	0	0	7845
442	EA5YB/3	JN01XG	4563	938	0	0	0	0	4563	3139	0	0	0	0	7702
443	OE1TKW	JN88DF	3383	792	106	0	0	0	3383	2651	1562	0	0	0	7596
444	OK1MGW	JO70WF	7583	0	0	0	0	0	7583	0	0	0	0	0	7583
445	G4LRT	IO92LJ	323	290	181	52	52	0	323	971	2667	2466	882	0	7309
446	IW1CBG/1	JN44AF	7241	0	0	0	0	0	7241	0	0	0	0	0	7241
447	DL3EBS	JO31LH	7103	0	0	0	0	0	7103	0	0	0	0	0	7103
448	DH0JC/P	JO31JJ	6915	0	0	0	0	0	6915	0	0	0	0	0	6915
449	DL6FV	JO44WE	6842	0	0	0	0	0	6842	0	0	0	0	0	6842
450	S52CW	JN76CI	6833	0	0	0	0	0	6833	0	0	0	0	0	6833
451	OE1ATA	JN88DE	2391	648	154	0	0	0	2391	2169	2269	0	0	0	6829
452	DG1NHI	JO50UF	6799	0	0	0	0	0	6799	0	0	0	0	0	6799
453	DC3EC	JO31DR	6782	0	0	0	0	0	6782	0	0	0	0	0	6782
454	OK1DOM	JO70DA	6760	0	0	0	0	0	6760	0	0	0	0	0	6760
455	DL9DBF	JO40AV	6605	0	0	0	0	0	6605	0	0	0	0	0	6605
456	DL6ABB	JO52GG	6347	0	0	0	0	0	6347	0	0	0	0	0	6347
457	F1LUO	JN38VT	6318	0	0	0	0	0	6318	0	0	0	0	0	6318
458	YO5AVN/P	KN17UR	6298	0	0	0	0	0	6298	0	0	0	0	0	6298
459	HG3FMZ	JN96AV	6252	0	0	0	0	0	6252	0	0	0	0	0	6252
460	DG1UTE	JO31QH	6063	0	0	0	0	0	6063	0	0	0	0	0	6063
461	DL3MHB	JN58LI	6057	0	0	0	0	0	6057	0	0	0	0	0	6057
462	IZ3AWS	JN55UH	6024	0	0	0	0	0	6024	0	0	0	0	0	6024
463	DL3LSW	JO61FH	5656	0	0	0	0	0	5656	0	0	0	0	0	5656
464	S53FI	JN75MT	5643	0	0	0	0	0	5643	0	0	0	0	0	5643
465	DG4FR	JO31OJ	0	1684	0	0	0	0	0	5636	0	0	0	0	5636
466	YO2II	KN06PE	5585	0	0	0	0	0	5585	0	0	0	0	0	5585
467	HA7VR/P	JN97MS	1168	1312	0	0	0	0	1168	4391	0	0	0	0	5559
468	DL5MBU	JN58SF	5515	0	0	0	0	0	5515	0	0	0	0	0	5515
469	DK5MV	JN58WH	0	1576	0	0	0	0	0	5275	0	0	0	0	5275
470	OK1DMP	JN79IX	5182	0	0	0	0	0	5182	0	0	0	0	0	5182
471	OE5NNN	JN78EB	5087	0	0	0	0	0	5087	0	0	0	0	0	5087
472	DG2MA	JO51VH	5033	0	0	0	0	0	5033	0	0	0	0	0	5033
473	DL6EAS/P	JO31TB	5001	0	0	0	0	0	5001	0	0	0	0	0	5001
474	F2BJ	IN94RS	4983	0	0	0	0	0	4983	0	0	0	0	0	4983
475	DL8AAV	JO52DH	4978	0	0	0	0	0	4978	0	0	0	0	0	4978
476	SP6PH/P	JO80FQ	4962	0	0	0	0	0	4962	0	0	0	0	0	4962
477	DK7ZL	JO40FB	4951	0	0	0	0	0	4951	0	0	0	0	0	4951
478	SP2NJI	JO92MP	4844	0	0	0	0	0	4844	0	0	0	0	0	4844
479	F4BCA	IN97QM	4817	0	0	0	0	0	4817	0	0	0	0	0	4817
480	S57EA	JN76HE	4776	0	0	0	0	0	4776	0	0	0	0	0	4776
481	IN3COV	JN56OP	2440	667	0	0	0	0	2440	2232	0	0	0	0	4672
482	OK1XJP/P	JN79GW	4638	0	0	0	0	0	4638	0	0	0	0	0	4638
483	F1APH	JN03BT	4572	0	0	0	0	0	4572	0	0	0	0	0	4572
484	EA5GCT	IM99TL	2528	609	0	0	0	0	2528	2038	0	0	0	0	4566
485	OK2JJA	JN89LX	4476	0	0	0	0	0	4476	0	0	0	0	0	4476
486	SP6VGW/P	JO80FQ	4474	0	0	0	0	0	4474	0	0	0	0	0	4474
487	DJ6TK	JO53FG	4304	0	0	0	0	0	4304	0	0	0	0	0	4304
488	EB3EXL/P	JN020J	3435	247	0	0	0	0	3435	827	0	0	0	0	4262
489	DH7AGT	JO42UJ	4258	0	0	0	0	0	4258	0	0	0	0	0	4258
490	DK8JL/P	JO31MI	4189	0	0	0	0	0	4189	0	0	0	0	0	4189
491	IK7TOF	JN71QM	4174	0	0	0	0	0	4174	0	0	0	0	0	4174
492	9A6SCN	JN64WU	4075	0	0	0	0	0	4075	0	0	0	0	0	4075
493	DL6UAM/P	JO71DS	3931	0	0	0	0	0	3931	0	0	0	0	0	3931
494	IW3HJ	JN65CN	3851	0	0	0	0	0	3851	0	0	0	0	0	3851
495	IW1DBK/1	JN45FV	3815	0	0	0	0	0	3815	0	0	0	0	0	3815
496	IW3GWM	JN55VB	3787	0	0	0	0	0	3787	0	0	0	0	0	3787
497	OK1AIG	JO70NN	3755	0	0	0	0	0	3755	0	0	0	0	0	3755
498	OE3BEA	JN78UR	3733	0	0	0	0	0	3733	0	0	0	0	0	3733
499	PA0JNH	JO22JN	2450	378	0	0	0	0	2450	1265	0	0	0	0	3715
500	DG6DCC	JO31QI	3709	0	0	0	0	0	3709	0	0	0	0	0	3709
501	F1AKK	JN39CC	3699	0	0	0	0	0	3699	0	0	0	0	0	3699
502	IW5DLY	JN53KT	1342	675	0	0	0	0	1342	2259	0	0	0	0	3601
503	SP7NJX	JO91RR	3594	0	0	0	0	0	3594	0	0	0	0	0	3594
504	HG4YJ	JN96LX	3578	0	0	0	0	0	3578	0	0	0	0	0	3578
505	F6EAS/P	IN99PC	0	0	238	0	0	0	0	0	3507	0	0	0	3507
506	DL9GS	JO31OM	3211	72	0	0	0	0	3211	241	0	0	0	0	3452

507	DJ2YE/P	JN49GP	2375	300	0	0	0	0	2375	1004	0	0	0	0	3379
508	OE3FLU	JN88DA	3375	0	0	0	0	0	3375	0	0	0	0	0	3375
509	DG1DET/P	JN58KI	3220	0	0	0	0	0	3220	0	0	0	0	0	3220
510	YO2AFS	KN05TR	3177	0	0	0	0	0	3177	0	0	0	0	0	3177
511	EB3DYS	JN11CK	3152	0	0	0	0	0	3152	0	0	0	0	0	3152
512	DH2MAY	JN58SE	2964	0	0	0	0	0	2964	0	0	0	0	0	2964
513	F9SD	IN93PE	2958	0	0	0	0	0	2958	0	0	0	0	0	2958
514	OE8PPK	JN76FU	2903	0	0	0	0	0	2903	0	0	0	0	0	2903
515	OK1UDJ	JO70GG	2853	0	0	0	0	0	2853	0	0	0	0	0	2853
516	EA3GW	JN01WI	2831	0	0	0	0	0	2831	0	0	0	0	0	2831
517	IW2MEX	JN55AN	2822	0	0	0	0	0	2822	0	0	0	0	0	2822
518	F3TP	IN97XQ	2764	0	0	0	0	0	2764	0	0	0	0	0	2764
519	IK3MLF	JN55WJ	2686	0	0	0	0	0	2686	0	0	0	0	0	2686
520	DF1YS	JO32MC	763	565	0	0	0	0	763	1891	0	0	0	0	2654
521	IK3GMR	JN55RT	2553	0	0	0	0	0	2553	0	0	0	0	0	2553
522	OE3NRS	JN77HX	0	0	0	145	0	0	0	0	0	0	2461	0	2461
523	EA5CXL/P	IN90XB	2460	0	0	0	0	0	2460	0	0	0	0	0	2460
524	G3VFD	JO01AJ	2417	0	0	0	0	0	2417	0	0	0	0	0	2417
525	EB5BCF	IM99TK	2389	0	0	0	0	0	2389	0	0	0	0	0	2389
526	YO5OHY/P	KN17UR	2277	0	0	0	0	0	2277	0	0	0	0	0	2277
527	DG7EX	JO41LR	2269	0	0	0	0	0	2269	0	0	0	0	0	2269
528	DG3NGO/P	JN59MI	2229	0	0	0	0	0	2229	0	0	0	0	0	2229
529	IK0VWO	JN62LH	2227	0	0	0	0	0	2227	0	0	0	0	0	2227
530	S56HCE	JN75AP	2171	0	0	0	0	0	2171	0	0	0	0	0	2171
531	DK5CQ	JN58SE	2062	0	0	0	0	0	2062	0	0	0	0	0	2062
532	OE3PYC	JN88GE	1710	85	0	0	0	0	1710	284	0	0	0	0	1994
533	IV3GCP/IV3	JN65ST	0	583	0	0	0	0	0	1951	0	0	0	0	1951
534	F6GLC/P	JN25BD	1856	0	0	0	0	0	1856	0	0	0	0	0	1856
535	EA5AMR	IM99UL	1798	0	0	0	0	0	1798	0	0	0	0	0	1798
536	DK5EQ/P	JO31RG	1569	0	0	0	0	0	1569	0	0	0	0	0	1569
537	F6AUH	IN97RL	1563	0	0	0	0	0	1563	0	0	0	0	0	1563
538	DK5MF	JN58WH	1533	0	0	0	0	0	1533	0	0	0	0	0	1533
539	YO4FRJ/P	KN34AW	1467	0	0	0	0	0	1467	0	0	0	0	0	1467
540	DK7FP	JO31MU	1409	0	0	0	0	0	1409	0	0	0	0	0	1409
541	OK2VMU	JN99AH	1079	87	0	0	0	0	1079	291	0	0	0	0	1370
542	EA3TA	JN11AM	729	186	0	0	0	0	729	623	0	0	0	0	1352
543	PE1MVQ	JO21PU	59	59	59	0	0	0	59	197	869	0	0	0	1126
544	DG0SNK	JO61CG	1091	0	0	0	0	0	1091	0	0	0	0	0	1091
545	OK2BDK	JN99AM	0	315	0	0	0	0	0	1054	0	0	0	0	1054
546	DB5JI	JO31HK	1013	0	0	0	0	0	1013	0	0	0	0	0	1013
547	OK1HRR	JO70GB	865	0	0	0	0	0	865	0	0	0	0	0	865
548	I2FUM/2	JN45MT	840	0	0	0	0	0	840	0	0	0	0	0	840
549	OE1SOW	JN88FF	794	0	0	0	0	0	794	0	0	0	0	0	794
550	F1EGC	JN23LO	769	0	0	0	0	0	769	0	0	0	0	0	769
551	EB4BAP	IM69PU	715	0	0	0	0	0	715	0	0	0	0	0	715
552	EA1DVY	IN81LN	683	0	0	0	0	0	683	0	0	0	0	0	683
553	DL2EBB	JO31HL	400	0	0	0	0	0	400	0	0	0	0	0	400
554	PA/G4EZP	JO21BX	0	0	0	0	0	1	0	0	0	0	0	341	341
555	YO8SRI/P	KN06OP	309	0	0	0	0	0	309	0	0	0	0	0	309
556	YO8RBE/P	KN36OP	309	0	0	0	0	0	309	0	0	0	0	0	309

## Overall results

## Multi operator

Call	Locator	Original score							Adapted score							Total
		432	1296	2320	5760	10368	uW	432	1296	2320	5760	10368	uW			
1	PA6NL	JO21BX	161659	58274	14567	2623	7835	209	161659	195043	214659	124390	132959	71294	900006	
2	DL0UL/P	JN48UO	118555	55947	18334	3021	0	0	118555	187254	270169	143264	0	0	719244	
3	G4LIP/P	JO01QD	180533	68100	12387	0	5117	0	180533	227930	182534	0	86835	0	677834	
4	OE5VRL/5	JN78DK	88312	26224	8510	3406	9791	0	88312	87771	125403	161522	166153	0	629163	
5	IK1YW/4	JN54IE	37007	21704	4645	5431	8108	0	37007	72643	68448	257554	137592	0	573246	
6	DK0PX	JN48JC	90586	34264	9906	1660	7425	0	90586	114681	145974	78722	126002	0	555966	
7	G3CKR/P	IO93AD	123986	35601	9375	1053	2370	0	123986	119156	138150	49936	40218	0	471447	
8	DLOGTH	JO50JP	149337	44216	7057	634	2313	0	149337	147990	103991	30066	39251	0	470637	
9	PA6C	JO33FB	119188	28379	7029	1457	4330	0	119188	94984	103579	69095	73480	0	460327	
10	OK1OKL	JO60LJ	59321	51042	6845	2685	0	0	59321	170837	100867	127330	0	0	458357	
11	PI4AJS	JO32LG	149083	26187	6677	1150	2244	60	149083	87647	98392	54536	38080	20467	448207	
12	PI4GN	JO33KK	120310	36473	9101	1245	0	0	120310	122075	134112	59041	0	0	435539	
13	I4JED/4	JN54OK	80434	15072	0	3709	6410	0	80434	50445	0	175891	108777	0	415549	
14	DK0BN	JN39VX	233619	22467	0	0	6244	0	233619	75197	0	0	105960	0	414776	
15	I3ZVN/3	JN55PS	0	3373	2905	3962	5731	185	0	11289	42808	187889	97255	63107	402350	
16	OE2CAL	JN67NT	129958	27427	4244	0	4066	95	129958	91798	62539	0	69000	32406	385702	
17	HB9AHD	JN47QG	0	80712	3885	0	0	0	0	270143	57249	0	0	0	327392	
18	ON7WR	JO20EP	63864	14677	7416	0	4480	0	63864	49123	109282	0	76025	0	298295	
19	DL1WA/P	JO50RK	168577	17941	3742	0	783	0	168577	60048	55142	0	13287	0	297055	
20	S51WI	JN75FO	0	0	3406	3507	4626	0	0	0	50190	166312	78503	0	295006	
21	IK3OBX/3	JN55ST	14924	8052	2672	2760	4239	0	14924	26950	39374	130887	71935	0	284071	
22	S57C	JN65XM	51319	14654	2428	1769	3503	0	51319	49046	35779	83891	59445	0	279482	
23	HB9DGX/P	JN47PH	270169	0	0	0	0	0	270169	0	0	0	0	0	270169	
24	DK0MU	JO31QX	53650	29124	7575	0	0	0	53650	97478	111625	0	0	0	262753	
25	OK1KRQ/P	JN69HN	98660	24370	3432	0	1085	0	98660	81566	50573	0	18412	0	249212	
26	G8OHM/P	IO92GB	48433	24248	7078	0	0	0	48433	81158	104301	0	0	0	233892	
27	ON4CP/A	JO20IV	90225	23549	0	0	3768	0	90225	78818	0	0	63942	0	232986	
28	OE3XKW	JN77XX	85413	15663	3986	0	1086	0	85413	52424	58737	0	18429	0	215004	
29	OK2KKW	JO60JJ	140006	21131	0	0	0	0	140006	70725	0	0	0	0	210731	
30	DK0HCG/P	JN49MN	45426	24107	2857	308	741	0	45426	80686	42100	14606	12574	0	195393	
31	DL0MI	JO42LH	22497	19855	5998	0	967	0	22497	66454	88386	0	16410	0	193748	
32	PI4ZLD	JO11WM	48220	18343	5400	0	0	0	48220	61394	79574	0	0	0	189188	
33	OT7D	JO30AM	183120	0	0	0	0	0	183120	0	0	0	0	0	183120	
34	IK5HGY/5	JN54JD	0	15587	0	2753	0	0	0	52169	0	130555	0	0	182725	
35	DK0NA	JO50TI	0	5368	0	2140	0	175	0	17966	0	101485	0	59696	179148	
36	F6KDL/P	JN37NV	176007	0	0	0	0	0	176007	0	0	0	0	0	176007	
37	DF0CI	JO51CH	173212	0	0	0	0	0	173212	0	0	0	0	0	173212	
38	HB9XC/P	JN37MD	79879	24232	0	0	0	0	79879	81104	0	0	0	0	160983	
39	OL7Q/P	JN99CL	51131	14277	2114	33	1648	0	51131	47785	31151	1564	27966	0	159599	
40	G4DSF/P	JO01KJ	0	47265	0	0	0	0	0	158195	0	0	0	0	158195	

41	OZ5BAL/P	JO55KR	113208	13071	0	0	0	0	113208	43748	0	0	0	0	156956
42	S59DGO	JN75FO	80575	20659	0	0	0	0	80575	69145	0	0	0	0	149720
43	G4BRK/P	JO01QD	0	0	0	3095	0	0	0	0	0	146774	0	0	146774
44	DFOHS/P	JO30AA	0	42476	0	0	0	0	0	142167	0	0	0	0	142167
45	OK1KIR/P	JO60PM	68242	6812	752	245	491	54	68242	22799	11081	11618	8332	18420	140494
46	G1WPF/P	JO01KJ	136695	0	0	0	0	0	136695	0	0	0	0	0	136695
47	9A5Y	JN85RO	64406	21159	0	0	0	0	64406	70819	0	0	0	0	135225
48	G4IEV/P	JO01KJ	0	0	9068	0	0	0	0	0	133626	0	0	0	133626
49	DLODK	JO40XL	0	39514	0	0	0	0	0	132253	0	0	0	0	132253
50	DFOCK	JO50AN	80448	926	3052	0	213	0	80448	3099	44974	0	3614	0	132136
51	DL4OL/P	JO52CK	62157	15273	1203	0	0	0	62157	51118	17727	0	0	0	131003
52	PA3BLS	JO22SI	38950	13241	3120	0	0	0	38950	44317	45976	0	0	0	129243
53	OK1KYY	JN69JJ	92596	10039	0	0	0	0	92596	33600	0	0	0	0	126196
54	HG7P	JN97KW	72072	15164	0	0	0	0	72072	50753	0	0	0	0	122825
55	DLOGL/P	JO31KP	67613	15536	0	0	0	0	67613	51998	0	0	0	0	119611
56	DLOFM	JN57GN	115493	0	0	0	0	0	115493	0	0	0	0	0	115493
57	S50C	JN76JG	79549	10630	0	0	0	0	79549	35578	0	0	0	0	115127
58	DF1LON/P	JO30WR	53114	18189	0	0	0	0	53114	60878	0	0	0	0	113992
59	LX/DK2FR/P	JN29XV	78757	9667	0	0	0	0	78757	32355	0	0	0	0	111112
60	DLOOU/P	JO43WJ	79689	8882	0	0	0	0	79689	29728	0	0	0	0	109417
61	DK0ES/P	JN48TN	103097	1432	0	0	0	0	103097	4792	0	0	0	0	107889
62	OE5D	JN68PC	101108	1949	0	0	0	0	101108	6523	0	0	0	0	107631
63	GWOEMG/P	IO82KW	0	14241	3957	0	0	0	0	47664	58310	0	0	0	105974
64	OL7M	JO80FG	67710	6099	1205	0	0	0	67710	20413	17756	0	0	0	105880
65	S53DKR	JN66XE	54617	14348	0	0	0	0	54617	48022	0	0	0	0	102639
66	S53T	JN76PL	53793	14097	0	0	0	0	53793	47182	0	0	0	0	100975
67	HG5FMV	JN97KR	49446	15383	0	0	0	0	49446	51486	0	0	0	0	100932
68	OE3W	JN88BA	66687	9277	0	0	0	0	66687	31050	0	0	0	0	97737
69	DFOWD	JO42FD	77605	5590	0	0	0	0	77605	18709	0	0	0	0	96314
70	DKOALK	JN38TD	51625	6873	0	446	0	0	51625	23003	0	21150	0	0	95779
71	HA5SHF/P	JN97MN	31408	12181	1401	0	131	0	31408	40769	20645	0	2223	0	95046
72	OK1KJB	JN79IO	49452	8723	742	0	0	0	49452	29195	10934	0	0	0	89581
73	OK2KFM	JN99FN	33869	10281	1196	0	0	0	33869	34410	17624	0	0	0	85903
74	DKOWAL	JO61OA	76880	0	0	0	527	0	76880	0	0	0	8943	0	85823
75	DL0LN/P	JO31PW	32229	6254	1217	0	784	0	32229	20932	17933	0	13304	0	84399
76	G4MAP/P	IO92GB	0	0	0	0	3194	87	0	0	0	0	54202	29677	83879
77	DKODA	JO40AQ	82827	0	0	0	0	0	82827	0	0	0	0	0	82827
78	G3GHN/P	JO00HU	82415	0	0	0	0	0	82415	0	0	0	0	0	82415
79	DF0TEC	JO73CF	47191	10381	0	0	0	0	47191	34745	0	0	0	0	81936
80	HG1W	JN87GF	49361	9661	0	0	0	0	49361	32335	0	0	0	0	81696
81	DK0JRS	JO60OM	48955	9568	0	0	0	0	48955	32024	0	0	0	0	80979
82	G4XBF/P	JO00EW	0	12549	2557	0	0	0	0	42001	37679	0	0	0	79681
83	F6KQP/P	IN87KW	26058	5239	2137	0	198	0	26058	17534	31490	0	3360	0	78443
84	DKOSU	JN48NR	30293	3616	836	173	897	0	30293	12102	12319	8204	15222	0	78141
85	IK4GNG/4	JN64GA	77766	0	0	0	0	0	77766	0	0	0	0	0	77766
86	9A7D	JN95EH	49545	8293	0	0	0	0	49545	27756	0	0	0	0	77301
87	9A1EZA	JN86HG	46981	9059	0	0	0	0	46981	30320	0	0	0	0	77301
88	G4SIV/P	JO03CE	0	8876	3208	0	0	0	0	29707	47273	0	0	0	76981
89	9A7A	JN86EH	41912	10199	0	0	0	0	41912	34136	0	0	0	0	76048
90	DL0KK/P	JO31GJ	75456	0	0	0	0	0	75456	0	0	0	0	0	75456
91	G8IFT/P	IO92GB	0	0	0	1527	0	0	0	0	0	72414	0	0	72414
92	HG7P	JN97KW	72072	0	0	0	0	0	72072	0	0	0	0	0	72072
93	DL0DSA/P	JO51PN	58098	3816	0	0	0	0	58098	12772	0	0	0	0	70870
94	DL0GH	JO40JN	47825	6791	0	0	0	0	47825	22729	0	0	0	0	70554
95	DA0US/P	JO40CX	70542	0	0	0	0	0	70542	0	0	0	0	0	70542
96	HB9BA/P	JN37SG	53978	4804	0	0	0	0	53978	16078	0	0	0	0	70056
97	DK2DB	JN48FW	0	0	0	1424	0	0	0	0	0	67530	0	0	67530
98	OK1KLL/P	JN79IW	36524	6268	422	0	0	0	36524	20978	6218	0	0	0	63721
99	DLOSG	JN68GS	63688	0	0	0	0	0	63688	0	0	0	0	0	63688
100	OK2KHF/P	JN99HO	39796	1279	440	33	547	0	39796	4280	6483	1564	9282	0	61408
101	OT7M	JO10UU	61175	0	0	0	0	0	61175	0	0	0	0	0	61175
102	M1CAT/P	JO01IG	19868	5009	1641	0	0	0	19868	16765	24181	0	0	0	60814
103	DL0KM	JO31BC	60539	0	0	0	0	0	60539	0	0	0	0	0	60539
104	DK0GYB	JO51NO	45191	3710	0	0	0	0	45191	12417	0	0	0	0	57608
105	OK1KFL/P	JO70SQ	0	0	0	0	0	165	0	0	0	0	0	56285	56285
106	DFOMTL	JO61JF	41963	4244	0	0	0	0	41963	14204	0	0	0	0	56167
107	DK0NO	JN59RJ	40117	4758	0	0	0	0	40117	15925	0	0	0	0	56042
108	F8XT/P	JN05AI	55703	0	0	0	0	0	55703	0	0	0	0	0	55703
109	DF0CB	JO53AE	54697	0	0	0	0	0	54697	0	0	0	0	0	54697
110	DC5VV/P	JN39NR	52447	0	0	0	0	0	52447	0	0	0	0	0	52447
111	OE3XXA	JN88CH	20328	7134	0	0	478	0	20328	23877	0	0	8111	0	52317
112	PA0WMM	JO22FE	0	0	0	1102	0	0	0	0	0	52260	0	0	52260
113	OK2KDJ/P	JN99BM	40676	3365	0	0	0	0	40676	11262	0	0	0	0	51938
114	F6KPL	IN99IO	51632	0	0	0	0	0	51632	0	0	0	0	0	51632
115	HG6V	KN07AV	22460	8398	0	0	0	0	22460	28108	0	0	0	0	50568
116	G4HRY/P	JO01KJ	0	0	0	0	2955	0	0	0	0	0	50146	0	50146
117	S50D	JN75ST	48650	0	0	0	0	0	48650	0	0	0	0	0	48650
118	IK4DCX	JN64GA	0	13934	0	0	0	0	0	46637	0	0	0	0	46637
119	DF2JQ/P	JO31BC	0	13852	0	0	0	0	0	46362	0	0	0	0	46362
120	DL0NMB	JO51WH	27123	5241	0	0	0	0	27123	17541	0	0	0	0	44664
121	OK1RAK/P	JO60RB	23242	6366	0	0	0	0	23242	21307	0	0	0	0	44549
122	OK1KNG/P	JN69VN	44533	0	0	0	0	0	44533	0	0	0	0	0	44533
123	PA0ZM	JO32GK	0	12881	0	0	0	0	0	43112	0	0	0	0	43112
124	S59R	JN76PL	41894	0	0	0	0	0	41894	0	0	0	0	0	41894
125	G4PC/P	JO00EW	41886	0	0	0	0	0	41886	0	0	0	0	0	41886
126	DL9SAD	JN48NU	34840	2096	0	0	0	0	34840	7015	0	0	0	0	41855
127	OK1KRY/P	JN69UT	17269	2368	373	206	78	0	17269	7925	5496	9769	1323	0	41784
128	9A1CMS	JN86FJ	27588	4176	0	0	0	0	27588	13977	0	0	0	0	41565
129	DF0AP/P	JN39LH	41427	0	0	0	0	0	41427	0	0	0	0	0	41427
130	OK2KIS	JN99JQ	22983	3046	541	0	0	0	22983	10194	7972	0	0	0	41150
131	HG1Z	JN86KU	38065	912	0	0	0	0	38065	3052	0	0	0	0	41117
132	DB1VY/P	JN39IH	0	0	0	0	2394	0	0	0	0	0	40626	0	40626
133	DF0GSN	JO31HB	18322	3701	0	0	524	0	18322	12387	0	0	8892	0	39601
134	S53J	JN75EV	27194	3442	0	0	0	0	27194	11520	0	0	0	0	38714
135	OK1KPA	JN79US	36724	547	0	0	0	0	36724	1830	0	0	0	0	38554
136	OK1KNF/P	JN69MJ	38328	0	0	0	0	0	38328	0	0	0	0	0	38328
137	I0WBX/6	JN62OW	37816	0	0	0									

140	PI4EUR	JO21DV	11895	6787	0	0	0	0	11895	22716	0	0	0	0	34611
141	G0MJW/P	JO00EW	0	0	0	0	2037	0	0	0	0	0	34568	0	34568
142	SP9WY/P	JN99MS	34104	0	0	0	0	0	34104	0	0	0	0	0	34104
143	DK0DH/P	JO31UI	27368	1812	0	0	0	0	27368	6064	0	0	0	0	33432
144	OK2KJU/P	JN89SJ	22410	3257	0	0	0	0	22410	10901	0	0	0	0	33311
145	DLOSRB	JO62VN	32321	76	0	0	0	0	32321	254	0	0	0	0	32575
146	DL0TS	JO40GB	32445	0	0	0	0	0	32445	0	0	0	0	0	32445
147	OK1KVK/P	JO60JJ	29932	721	0	0	0	0	29932	2413	0	0	0	0	32345
148	DLOLSW	JO61XU	24046	2292	0	0	0	0	24046	7671	0	0	0	0	31717
149	HB9BI	JN36QR	24515	1767	0	0	0	0	24515	5914	0	0	0	0	30429
150	DFOKO	JO30RE	30189	0	0	0	0	0	30189	0	0	0	0	0	30189
151	OK1KQT/P	JO80EH	29893	0	0	0	0	0	29893	0	0	0	0	0	29893
152	HG6Z	JN97WV	29230	0	0	0	0	0	29230	0	0	0	0	0	29230
153	DF0FM/P	JN49MP	28012	0	0	0	0	0	28012	0	0	0	0	0	28012
154	OK2KPD	JO80UB	18191	2770	0	0	0	0	18191	9271	0	0	0	0	27462
155	DLOZN	JN49WV	26151	0	0	0	0	0	26151	0	0	0	0	0	26151
156	OK2KMT	JN88TU	25724	0	0	0	0	0	25724	0	0	0	0	0	25724
157	S09DL	JN99LN	21563	1219	0	0	0	0	21563	4079	0	0	0	0	25642
158	DLODLE	JO60BH	23971	0	0	0	0	0	23971	0	0	0	0	0	23971
159	DLOEKO	JO72HC	23959	0	0	0	0	0	23959	0	0	0	0	0	23959
160	DG5VM/P	JO61XE	20352	1054	0	0	0	0	20352	3527	0	0	0	0	23879
161	OK1KKD/P	JN60NF	9067	1649	261	0	307	0	9067	5519	3846	0	5209	0	23642
162	DLOWH	JN49HN	22500	0	0	0	0	0	22500	0	0	0	0	0	22500
163	S53DLB	JN76BF	22280	0	0	0	0	0	22280	0	0	0	0	0	22280
164	OK1KIM	JO60RN	0	0	1504	0	0	0	0	0	22162	0	0	0	22162
165	S53UAN	JN65WW	5487	4889	0	0	0	0	5487	16363	0	0	0	0	21850
166	DLOSE/P	JO31PG	0	2230	904	0	0	0	0	7463	13321	0	0	0	20785
167	DL0PT/P	JN57IP	20521	0	0	0	0	0	20521	0	0	0	0	0	20521
168	F5KMQ/P	JN15IC	19721	0	0	0	0	0	19721	0	0	0	0	0	19721
169	DB7VN/P	JN39IH	19620	0	0	0	0	0	19620	0	0	0	0	0	19620
170	HA5KHC/3	JN96CD	19444	0	0	0	0	0	19444	0	0	0	0	0	19444
171	DK2MU	JO32PC	0	0	0	398	0	0	0	0	18874	0	0	0	18874
172	OK1KSF/P	JN78DU	18790	0	0	0	0	0	18790	0	0	0	0	0	18790
173	9A2U	JN75RO	9643	2574	0	0	0	0	9643	8615	0	0	0	0	18258
174	HG9OZD/P	KN08FC	13738	1146	0	0	0	0	13738	3835	0	0	0	0	17573
175	S52FO	JN76EF	4880	3704	0	0	0	0	4880	12397	0	0	0	0	17277
176	DLOPP	JN49IX	17133	0	0	0	0	0	17133	0	0	0	0	0	17133
177	HA5KDD	JN97LN	16383	0	0	0	0	0	16383	0	0	0	0	0	16383
178	G3WZR/P	IO91BJ	0	4461	0	0	0	0	0	14930	0	0	0	0	14930
179	PA3AWJ	JO21GW	14300	0	0	0	0	0	14300	0	0	0	0	0	14300
180	HA7KVR/P	JN97MS	9154	1446	0	0	0	0	9154	4839	0	0	0	0	13993
181	S59ACM	JN66WA	13317	0	0	0	0	0	13317	0	0	0	0	0	13317
182	YO5KAD/P	KN17UR	11566	522	0	0	0	0	11566	1747	0	0	0	0	13313
183	DG2FO/P	JN48MW	12675	0	0	0	0	0	12675	0	0	0	0	0	12675
184	YO5KAD/P	KN17UR	11566	0	0	0	0	0	11566	0	0	0	0	0	11566
185	DL2LSM/P	JO61HH	3606	1950	0	0	0	0	3606	6526	0	0	0	0	10132
186	OK2RAS/P	JN99PF	10016	0	0	0	0	0	10016	0	0	0	0	0	10016
187	DK0MN	JN58TE	9939	0	0	0	0	0	9939	0	0	0	0	0	9939
188	IK2ZVU	JN45OO	9935	0	0	0	0	0	9935	0	0	0	0	0	9935
189	IK5VLS/5	JN54FF	9520	0	0	0	0	0	9520	0	0	0	0	0	9520
190	HB9D	JN47IH	9413	0	0	0	0	0	9413	0	0	0	0	0	9413
191	G1WAC/P	IO92BJ	8951	0	0	0	0	0	8951	0	0	0	0	0	8951
192	IK3XTT/3	JN55JI	8893	0	0	0	0	0	8893	0	0	0	0	0	8893
193	S58U	JN65TM	8755	0	0	0	0	0	8755	0	0	0	0	0	8755
194	F6KFA	JN18CU	8481	0	0	0	0	0	8481	0	0	0	0	0	8481
195	IW3RDM	JN65TS	7401	0	0	0	0	0	7401	0	0	0	0	0	7401
196	F6KOT/P	JN04RF	0	2131	0	0	0	0	0	7132	0	0	0	0	7132
197	F5MMF/P	JN04QW	7025	0	0	0	0	0	7025	0	0	0	0	0	7025
198	G0WRC/P	IO92BJ	0	2085	0	0	0	0	0	6978	0	0	0	0	6978
199	EA6IB	JM09SB	6681	0	0	0	0	0	6681	0	0	0	0	0	6681
200	DK0IZ	JO43SX	1635	1287	0	0	0	0	1635	4307	0	0	0	0	5942
201	I2XAV/1	JN44MU	5694	0	0	0	0	0	5694	0	0	0	0	0	5694
202	EA4CAV/P	IN90BT	5364	0	0	0	0	0	5364	0	0	0	0	0	5364
203	S59DTB	JN86AO	5226	0	0	0	0	0	5226	0	0	0	0	0	5226
204	OK1KMM/P	JN79GW	4857	0	0	0	0	0	4857	0	0	0	0	0	4857
205	F8KOT/P	JN04RF	4845	0	0	0	0	0	4845	0	0	0	0	0	4845
206	DK0UDX	JO31OM	4314	140	0	0	0	0	4314	468	0	0	0	0	4782
207	OK1KWN/P	JO60CF	0	1325	0	0	0	0	0	4434	0	0	0	0	4434
208	IK6OAA/6	JN63SL	870	1055	0	0	0	0	870	3531	0	0	0	0	4401
209	DK0UKW	JO31OM	4314	0	0	0	0	0	4314	0	0	0	0	0	4314
210	IW6DCN	JN63TL	3777	0	0	0	0	0	3777	0	0	0	0	0	3777
211	OK2RSC	JN89QF	3675	0	0	0	0	0	3675	0	0	0	0	0	3675
212	DF0SI	JN58KI	3382	0	0	0	0	0	3382	0	0	0	0	0	3382
213	IW2AEJ/2	JN45RV	0	947	0	0	0	0	0	3169	0	0	0	0	3169
214	9A1CGK	JN86DR	3144	0	0	0	0	0	3144	0	0	0	0	0	3144
215	DK0GC	JO40AV	2912	0	0	0	0	0	2912	0	0	0	0	0	2912
216	EA5AAJ	IM99SL	2483	0	0	0	0	0	2483	0	0	0	0	0	2483
217	EA5GDR/P	IM99MH	2457	0	0	0	0	0	2457	0	0	0	0	0	2457
218	DLOGDM	JO31JJ	2360	0	0	0	0	0	2360	0	0	0	0	0	2360
219	EA2AFF/P	IN91HH	1330	247	0	0	0	0	1330	826	0	0	0	0	2156
220	G0FCT	IO91PJ	0	458	0	0	0	0	0	1532	0	0	0	0	1532
221	DLOND	JO42CG	1466	0	0	0	0	0	1466	0	0	0	0	0	1466
222	DK0GM	JO42CG	1466	0	0	0	0	0	1466	0	0	0	0	0	1466
223	YO8KAN/P	KN36OP	309	0	0	0	0	0	309	0	0	0	0	0	309