

ARRL - Fred Fish, W5FF Memorial Award

The ARRL awards the Fred Fish, W5FF Memorial Award to amateurs who submit confirmations for contacts with all 488 Maidenhead grid squares in the 48 contiguous United States on 6 Meters. The following listing contains the call signs and FFMA totals as recorded at ARRL HQ today (06 Sep 2025). Awards are NOT activated automatically; participants must apply to have the Fred Fish, W5FF Memorial Award activated when the qualifying number of credits is obtained.

See the [ARRL VUCC page](#) for details.

488	W0LGQ	XE2CQ	477	466	453
AA0MZ	W3CP		AD1C	KA0JGH	K4YMQ
AA5AM	W4UDH	485	K0BJ	KB6NAN	KB9DAK
AA5C	W5ADD	K0TPP	KC7V	WB9CIF	W5XC
AA7A	W5AFY	K9MU	NC6K	WX7M	
AI5I	W5AJ	N0POH	W9RN		452
K0GU	W5EME	W5VY		464	N5BO
K1TOL	W5FF		476	KB9OWD	N9BX
K4PI	W5KI	484	KC7QY		NE1B
K4XO	W5OZI	AD6D		463	
K5RK	W7GJ	K7BG	475	K4MY	451
K5UR	W7JW	KM0T	N4WW		K5WBM
K5WE	W7KNT	W5ZN	N5KO	462	
K7CW	W7MEM			K6ZH	450
K7ULS	W9FF	483	474	N6ORB	AJ4F
K8SIX	W9JN	AC0RA	W6XK	NY0V	W5THT
K9CT	W9RM	K1USA			
KA9CFD	W9XX	W0VTT	473	461	449
KA9FOX	WD5K	W5TRL	N4TB	N4JQQ	KF6HI
KD5M	WQ5S		NQ7R	NA9RB	W8TN
KG5CCI	WS9V	482	WB0O		
KM0A		KX4R		460	448
KO9A	487		472	K4SO	W3LPL
KR7O	K0SIX	481	AI1K		
KV5W	K1TO	W9VHF	KB7ME	459	447
N0LL	K7MAC	WA7HQD	N7ZO	N5NA	AH0U
N0LWF	K7TM		WD8JJA	XE2K	K4HB
N0PB	K9YY	480			KS7S
N0TB	N0AKC	K5GZR	471	458	N4SC
N1AV	N7CW	WB0ULX	ND4X	K9NW	
N3SL	N7IR	XE2OR		KG5THG	446
N3XX	N9ISN		470	N9BCA	K1HTV
N5DG	NA6L	479	WO7R		K3SX
N5OMG	W3IP	N5WS		457	K6EID
N6JV		W5WVO	468	NI0G	NV4B
N7NW	486		VE3EK	W3UR	WB7CJO
N9LB	K5ND	478			
N9UM	KY7M	AE5B	467	456	445
ND0B	N0KE	AF5CC	N5EKO	N4QS	K4XP
W0FY	N7KA		WE9R	N9PGG	K7PI
W0JW	WD5COV				KU7Z

N8OC	NM5U	419	406	393	379
	W3LL	K7NN	AK3E	K7XC	KI0E
444	W9WO	W0GN	K6FG	W4TV	KZ2I
N7BAV		W5AL	K8EB		N8WNA
W4DR	432		N4UFO	392	W6TMD
	K6GXO	417		AF4HX	
443	N6KK	NJ6D	405	W6OMF	378
AB4IQ			AA4SC		AB9BH
N4MM	431	416	K3FRK	391	WR7X
XE2X	K0TLM	K4RWP	K5CKS	AD5A	
		K7ND	NE9U	N1EVK	377
442	430	KO4MA	W0MU	W4AVY	NT9E
KP4AJ	K1TEO				
N2QT	KF8MY	415	404	388	376
WB8ZBT	N5TJ	K5OMC	N2ZX	K0IP	K8GI
		K7AWB	VE4EAR	W4WRL	K8VFX
441	429	W0GJ			N2WK
K8TB	WA5JCI		403	387	N3OC
K9KLD		414	AA1ON	KV4T	
KD3CQ	428	K0DEQ	NH6T/W4	N4CH	375
	K5RT	K7KQA			K6QG
440	K9APW	N0GZ	402	386	WB4OQX
AG9S	N2NL	WW1L	K3FM	N7IJ	
N4TL				NN4R	374
W2IRT	427	413	401	W5TFW	AB1OC
WA1EAZ	N4LR	AE5FM	K4CKS	W7AH	KV7K
		WA9LFO		WE4S	N6GP
439	426		400	385	N7DB
K8ZM	K4ZOT	412	W0JRP	NK1K	373
WA9DU	K8ZR	VE2XK 6M FN07W	W0RHH	VE6MB	K4SSO
	N5OK		W3UUM	W4WTA	NY1V
438	W5JAY	411			
K9MK		N9EAT	398	384	372
	425		K7SMA	AB4SF	JA7QVI
437	K6ML	410	N8IEZ	K1GG	W5MO
KK4MA		K5XI	W1NG	K8ROK	
	424	KE7SW	397	W7FI	371
436	N4UFP	KE8KMX	K8JH		WA6BYA
N4QWZ	N9AKR	KI8G		382	
N9FN	W3EP	N4HN	396	K5PI	370
W3TC	WB8BPU		K6VHF	VE3YXO	K5TN
WB8ART		409	KB8U		KN4SM
	423	N5SYV		381	KS4YT
435	AJ4A		395	AG4W	N3MK
KF6A		408	AA5XE	W3VZ	NT0V
	422	W7BA	K0AZ		
434	VE6WQ	407	KF7CQ	380	369
K1SIX	WB5JID	W4AS		K7MCX	KF8UN
K8ROX		W5CIA	394	NE6I	N2DPF
KF0M	420	W5PR	AA5JF	WA5LFD	
	VE3LYC		K2TER		368
433			KT8O		K0DD
NA6MG					

KB0V W5RCI W6GMT	355 KD5XB	340 KE4TH N0AN N8LRG	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN WA1NLG
367 AA4ZZ KC4HW KR4BD W7Yaq	353 AF2K K0CS	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
366 KI7JA	352 NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	338 VE3SXE WA5KBH	330 KB8MBC KG6AY W8PI	322 AA8SW VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
365 K4JJW K7XB KG7CW W4FC WB4EVH	351 AA4FL K5DTC	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WX4G	321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX
364 AB5EB K0RAR N6QQ	350 N6VI N8YO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S	328 K6ME N5PT W2CNS WB3LHD	320 K0VG N4DW	309 AA4LR
363 W4NH	349 KA0BAD	335 AK0MR K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA WA7PDC	327 KF9UG KJ5RC N0YO W2JU	319 N7US W4ER	307 KE5K NA5Z W3ATV W9RPM
362 W1JR WA5OLT	346 W8LMG	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	318 N3ALN W4HY	306 K1ST K4QE K6RO N0LD WB0OQV WV9L XE1AO
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	317 KA8SYV W1SKU W3HDH	316 K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KF2T KT1J WA9M
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW		315 K5VH NY2NY	314 KU4XO VE3XN	
358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC W2HRO				
357 K4LVV	341 KD7DCR NX7U WA7YAZ				

304 K6IPF WA0GUD	K6YUI KC7RW	285 K5CZD K9UO WA4HFN	277 AC7JM JR1LZK NS4T PV8DX	KK0DX N5EPA N5WD VA2CY	260 K6JAD N6HC NT7C W3SW XE1YD
303 EA8DBM K8TGC K8TL N7LAN	295 JG1TSG KE4P N7NT	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	276 K2CS K5TWJ K7TAB W9OO	268 K6OJ N9ZTS W0KAN	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX WA4YA
302 KB2TGU N3KN W3TI	294 K6JSV	283 K2BLA N7RO WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK	267 K0CAO KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	258 K2HAT NA2NY VE3MSC WB7ECS
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	282 AA0ZP K0PG K5TA N8JCM W4WM	274 KB1DMX WA8MCD XE1YY	266 K1OA K1WVX TG9AJR WB8EJN	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HF1/0
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	292 KJ6P W1SSN	281 K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	265 N5KS W7CT	256 N8ZJN W9TA
299 N9JR VE6WK W1LE W5SUM W8UV WB5GVY	291 KS4S W1WHL W2CCC	280 N0KV NM5Z W1FKF	272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE
298 AG1A KD4WSC N4IQ	290 JE1BMJ WA8EFK	279 AA8MA N3JPU W0VHF (EL87) W8GJ WA4NVM XE1FAS	271 K7NII KB7FUV KM3V W3HHN	263 AK4PR K9AAA WB7QBS	254 N7QOZ VE3OTL WD5ITW
297 DK8NE KE8Y N8YQX N9LF	289 K4MM K9FA N5BCA NQ7G W4LTJ	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	270 K4SPD KC9FQD KV7N N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	253 KG4ERR
296 K4XR	288 K1NU N6AR W1DU W4HLR W7YA	287 K8DP KC7MRQ N8CGY	269 K2IE K3ZO KD5R	261 AF2F K3TWK KB8UUZ N3EW	

N2XQM	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	KB1HY N3FTI N9ATD W5AJX	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	VE3SYK WA7AJ
252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	227 K3HPA K8ZT K9TF KS9A W4KXY W5LUA XE1GLL	220 K7BTW N7XCZ	213 K3DFL KI6X W0NBC
251 AD5JK HC1BI K1NJ KG7NV NN4SS	242 AE4WG K3WW KA3TCC	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP JM1SZY N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	212 AB5C JF8QNF KF7NN N2OA
250 AA9LC K5KEW KL0S NW6R	241 N6NU W5LO	232 K5FO N0FJP N9NJY	225 AC9O K9QJ KX9X (EN50) N2WSY W8AKS WN6W	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	211 JR3REX K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP
249 CT1IUA K7LOL K8AO KQ5U N1GC W2LV	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 K4MIJ K5VR K6HEW KF6GYM W9XT	224 IT9IPQ JA8ISU K9MQ NJ8J	217 ND4V W4DEE	210 K3MSB K9YC KL7NO N1SV N1TQ N6UK WQ9T
248 K1ZZ W6VFA	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	216 K7RB N0IS N6PM NE1F W4HFZ W5RWF WA2OTC	209 AA4IB W5WGF WA4NFO XE2N
247 W3TEF	238 AA3GM JP1LRT MD0CCE	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	215 AL7OC K2SX KI5FJ N2YU N5PA N6KW	208 AI2N CO8DM KD5HIO PV8ABC
246 JA1UAV K0DAS K8YC KK8X N5TIT VE6TA (DO33) W4FRA WI7P	237 K3KO			214 KB9PJL PV8AZ	207 N1BCL N8NJA
245 N1IA N3XF VA3CW	236 K0SU K4NK				206 AB0CT AK4Y CT3MD

K4GHS	N9AG	N3CAL	185	179	NA6O
K9YC (EN61)	VA3VU	N3NR	AD6W	K1EP	W3SO
KB0LYL	W1AW	N4LXB	KD5BQT	KU4WD	WA2PNI
NA5Q	199	N4TV	KU4UC	N0LIE	173
W0BNE	N3KFB	W6MTR	NA2R	N0MMA	K2ZZ
W4EJG	W4OEP	W8FN	PY5CC	NH7RO	K5YPV
XE1J	WB0YEA	191	W3OU	VA3DPB	KE4SCY
205		K0ITC	W5BPT	W8LHP	
AF4OD	198	K9CS	184	WA4QMQ	172
K8SD	AC8TO	KK6OH	4O3A	178	AB9KZ
KE4HOA	JR2HCB	N9AMW	AF5Q	KA2AYR	K5ZED
N5ITO	N0UK	WA2BKN	K0DEW	KB0EO	KI4PKW
N9ATF	N7EPD	WA5CAM	KR4M	KB1RZA	KJ6HI
W8QID	NX0I	WD4JHD	N1IBM	KG5RJ	VE2PN
	WA7KYM		N4BG	N1ZUK	W4ABC
204		190	183	NQ2O	171
WA3DRC	197	K5DB	K5RQ	VE3NRT	AA4PB
203	K3EGE	K5ER	N0UBL	W0ZY	HP2AT
K0VSV	N4BAF	KC2DLD	W2UDT	W1MAD	KC5GSK
K5HYT	W3TW	KK8MM		W9JJ	KC5YCH
K5LOW	W5CTV	N5SMQ	182	WY7FD	KI4TZ
N0HF	196	N9UA	AJ6T CM87	177	NS3L
N8SYF	K0AIZ	W1ATV	FP/KV1J	AG4ZE	W1PX
NR0Q	K0NR	W2OO	K5GMX	K2QQ	WA2KBZ
W1RM	N5DUW	WB0DBS	K8WK	KI4BWW	
W3SZ	W2AMR	189	NZ1I	SM7FJE	170
W9GFB	XE2ED	KC0MEA	XE1CL	W5ZG	K9TVG
W9VOB	XE2W	WA5VKS	181	WA8UEG	N4GBK
WA1KPD			AB9FN	176	N8CN
202	195	188	K4CMS	AD5ZA	NA2U
K1BZ	AA4W	AD7KI	K5HDE	EA5BY	W1MJC
K5GJR	JA7MSQ	KD4HLG	KB8YKR	K0DI	W4IHI
WC7X	K2WJ	W4AZR	N3XJX	KX9X	W4JKC
WF8Z	K6VDP	WA7VHF	N4DTF	N5QGH	WK3V
WQ5W	KG6WIK	WU9Q	N9MSG	NP4BM	169
	194	WX9M	NY0A	W5AFD	K6XC
201	K2MRK	187	W4RBO	WA5IPS	KD5OMJ
AA7WB	K3EA	AA8R	W9BS	WW2R	N2BEG
KC5FP	N3FA	KD3HN	WJ1B	175	N5XES
KO9V	N9NFT	KQ0J	180	PV8BR	N7PHY
KR0I	WF1H	186	K0OST	174	NY4I
NN0K	WK8A	DJ5FI	K4LYN	K3MD	VE3HHT
NR2C	193	K6ZZ	KC1MMC	K6WRL	W8KNO
WA1MKE	K7PT	K8PT	N1RK	KC6ZWT	168
WA9ASZ	K9AB	K9SG	N6PEQ	KG7P	KG5ZMQ
200	192	KN4PPD	N6VH	KU0A	W2PD
4A2MAX	N1LF	KN7K	W5HI	N1MGO	W8WEJ
K4YJ	N2NB	N0XLR		NA2NY (ex-NA1VT)	
N5AO		N6ZE			

167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	N2YBB V44KAI VE3LC W4HOG	K7AD K7ZD KW0A N1OFZ N2ADV N6DHZ W3DQS W5FI W9ILY WB5ZAM	IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	PV8AJ W5SWV WA5TKU WS4V	KQ4KX N3XH
166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	160 JA1AFR K5IQ	152 AA6I N0RC N1NUM N2WM NU1T UT7QF W6IA WO4G	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	141 K4AR K9ATX KT8TD N9FIV W4FS W4POT W6ZI WB9WHQ WR7AY	137 N1SZ N5JGK SM7AED
165 K4DXT KD5HPT N1JFU W0RIC	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	151 KO0Z OE6IMD W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF CT1BWU K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VE3KY W4TUN W6DQ WA4KXY	136 AB1QB K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	158 K8CR KI0D N2CG	150 N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H
163 K2JF K2YSY N3FX N5XZ	157 K4FX KB8GC KC2WUF WA7NB	149 AB6CF I0WTD K4SAN KK9H W3UA WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	138 AC0XY AI6O JA6RJK KD7WPJ KE0A KE3D KE8RO	134 AB1NS AB4GE C6ABB GM4UYE HK3W KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR
162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO	156 K2KJ N3RN N9KO VE7VDX	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N5ZBI W6VNIQ (CM88) WB6RAB	142 N2ZA N5RMS NA2X NC4VA		133 KA5ETS KC1RET KE1VT KM8V W0RT W4GE
161 K4EA KB3CWQ	155 AE4M K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX	147 AF6AV			
	154 AE4NT KB9VMW KD2NF W3ZQN				
	153 AA4NC AB4GG				

WI5D	KN4DMN	W7YM	VE1JC	116	112
WW7Q	N1SFE	W9CDL	VE3XK	IK7EOT	K2MLS
XE2O	W0WT		WA6RAY	K4RGN	K3GD
	W5ZO	123	WD4OHD	KI6QDH	K5WTA
132	W8FR	AC7AF		KU5B	KA7T
AB3CV	WB2WEO	K9SM	119	N0VR	N5HMH
IC8TEM		KB0GT	AE5AU	NO0B	W1TR
K5VG	127	KB0STN	K0AWU	W0DHB	W5DQ
KW4G	AA9RK	KG6DHQ	K1ZN		W6OAT
N4PPH	JR2LJO	VE3TG	K2SQS	115	W7IV
N7TP	K3GYK	W1HS	K4MSG	K9MMS	W9PN
N8IK	K7UV	W3SE	K7JIZ	KE6TVM	WA8TWM
NE1I	K8AC	W4PRZ	KF7PCL	KF0QS	WG3K
VE3TM	K8OS	W5EWF	KP3V	KF9AF	WX3P
WN6K	KB3OZC	W7MHW	KT0P	KM5FA	XE1GK
	KB9TLV	W8BI	KW7N	N7VGO	
131	KC0RQH	W8KHP	N4UPX	UW5ZM	111
K3NAT	N6UTC	WA8WV	W0QC	VK9DX	N0SLT
KG9R	NO8D	WB2RVX	W4SW	WA3BZT	PC3T
N2CJ	VE2JWH		W5DM	WC7V	W8GBH
	W1FLD	122	W7QQ		WZ8P
130	WA6BIL	K7AED	WI4T	114	
AB0X		K7OGW	WM9M	AC8HU	110
JA3LZS	126	KA9JAC		K2RET	EA4DEI
JR1BAS	KJ7G	KB4UF	118	K3RTU	K5KR
K0GUR	N0BDS	KB5WFE	J68AS	K9AAN	K7LD
K4JKB	N7DGI	KC5UGX	K4AZV	KC4GCK	KD5J
K8LG	WB4HUC	N5HYV	KA4LBD	KG9Z	KI0F
KC4NX	YL2AO	VE6PY	KF6MXK	NF8M	KP4JRS
NG9R		VE7JAC	KI7BP	VE1WOW	KQ4LA
VE1DX	125	WD0GTU	KT8X	VE3IRR	KX5U
VE2TZT	AA7DK		KW4BY	W2JLK	N5TIF
W0PHX	K3PU	121	N1QDQ	W2ZQ	N5YM
W2LES	KC5DRI	AE1P	N3JNX	W4ALF	W7JET
W3FEY	W2AJM	K0MFI	N5EIL	W4UFO	W7UP
WA2SEI	W3UQH	K4HBI	TF3JB	WO2C	
WB4YDL	W4DFU	KB2WAL	W2AC / WB2ABKWX4US		109
WW5W	WA6POZ	KB5MH	W2AC/WB2ABK		AK6ZZ
	WB4OMM	KE4JFS	WB2KSK	113	G4BWP
	WE1P	NE0P/9		AB4PM	IW1ARB
129		UR0MC	117	AD5MD	K2DSW
8P6ET	124	W8DN	AB5J	K3DQB	K2JGL
JF4VZT	K0DLW	WB9TFH	K4WS	KD4BPZ	K2OO
K0KD	K8VA		N4USG	KD6VCD	K5DNL
K5QWO	KB0HH (EM06)	120	N5JEH*	KM5OL	K9GY
KC8KSK	KD5FTD	EA1YO	N5LPT	N3JDQ	KE6GLA
KF4NEF	KM1C	K2CYE	NA7L	N4YCI	KJ6CA
KM5LY	KT5MR	K4CGY	NU6V	N5YK	KZ7N
KM5SC	N0SL	KD0R	W6WE	W0BM	N8TMW
N9WBR	N9AZZ	KD4MZM	WA1TBV	W8MSP	N9TTX
	PV8AAS	KD5BRF	XE2PXN	W8VW	VE3AAQ
128	W0PE	KE4SCY (FM06)		WD0ENC	W0YJT
KC7QAG	W1TAM	N3YPJ			W1OP
KJ6SDF					

W4ZRZ	N5YHF	W9MDB	WB5FDP	N5RZK	WB7VVD
W5MPC/1	N8HM	WB2VUO		N5XTR	WK5X
W7RJR	N9XMU	WB8BZK/VE3	101	N7EME	WW2R (EL09)
WB6YIY	VA3OKG	WL7OU	AE7V	N8COP	
WB9W	VE3AJY		K0IN	N8XS	98
108	WB6VYH	103	K0SBV	VP2MRM	AC2RL
CF3VRQ	WQ9F	AA5CK	K0WJ	W2CH	AD8Y
HB9BZA	105	AB0YM	K2NUD	W4/KL7GLL	K0KC
JA9IPF	AC4Q	AB5SS	K5DWI	W4OZK	K0UD
JP7EIP	K4SJA	K2OY	K5HX	W8BZY	K3IXD
K5OPB	K9MAL	K4MVL	K7SYS	W9DQ	K3QIA
N3MWQ	KB3JGS	K6USY	KB1JDX	WA5TLP	K4OP
N5DD	KC0JYT	K8ZEE	KB4KBS	WV9E	K5HOB
VE3SUB	KC4KK	KA1W	KC6AWX		KA1EKR
VE7IG	KF4DGS	KB0FHP	KC8CSD	99	KE4LGL
VY2RU	KJ7TH	KB2SGX	KG8WB	AB0SD	KG4YOU
W4AMP	N4NQY	KC9FFV	KG9IL	AB3TM	KG7E
W4CRN	N5SAN	KF0AIJ	KL2R	K0YO	KJ2G
W5AAJ	N7YY	KF4DVG	KR4WM	K4KEW	KK0CQ
W8EH	NE9O	KR4NO	KR7LD	K4WQ	KY0Q
W9VNE	PU4JOE	N0YXE	N1IX	K4ZO	N0JJQ
XE1R	VE3VRQ	N1JIF	N4AOE	K5VPQ	N1JHJ
	W8MIL	NF6P	N8VEA	K7DD	N3LRP
	W9RVG	VE7DXG	N9DVS	K7PAP	N5TEY
107	WA4MYO	W0TF	ON9CMR/W0	K9ZZE	N8AID
JA3EGE		W3LEO	VA2LGQ	KA0ZEE	NO5X
K5UIC	104	W6IT	W4LLP	KC2IEB	NO8R
KF7PG	AB9YC	W6XU	W5KBD	KC6X	VA3VF
KI9A	AC5K		W7ISG	KD4MWO	W2KRP
KK4LUM	AC5RN	102	WB8IMY	KD6RUH	W6TE
N3TTT	AC9QR	AA9MY	WD5IYT	KG9AP	WA2FGK
N9OI	IK4DRY	AB8JH		KR4UA	WA3TLT
NF0T	K5PPP	AD6KH	100	M5MYH	WB1GQR
US0KW	KB9RNO	K0HAQ	AC0FT	N4FV	WB2YDS
W2ODH	KC1LXO	K3HW	Ai2S	N5OHL	WD0E
W2TTT	KC2TR	K9AM	Ai9U	N7HRT	WH6LR
WB4PPW	KD9GKL	K9OHI	K2UA	N7JPF	WT5H
	KJ7OG	KA3ZLS	K4UQC	N7TE	WV5Y
106	KM6WXB	KB8CR	K5GM	N8GHZ	
K0MEI	KO4LZ	KC6WFS	K5KV	N8YV	97
K5BJW	N0STP	KC8DMN	K8IJ	N9MKC	AB8M
K7BWH	N1LDY	KD8NYO	K9CC	NB5R	AJ9C
K7JE	N2FBQ	KE1AU	KB9ZLB	NH6CJ	K0HB
KB0TIJ	N3UPS	KJ4M	KC2HLI	NI5W	K0JQZ
KC7ICM	N7AGF	KR5V	KC8CC	NS2P	K0QEI
KE5JXC	NJ1H	N1HOQ	KC9CMT	VE2HAY	K0SH
KJ6MBW	VE2PIJ	VE7ZD	KD3SW	W2HOG	K0YQ
KK2DOG	W1TE	W4RVZ	KE5CVM	W2VU	K3HZO (FN20)
N0RQ	W1ZE	W5DPT	KF0Q	W5JLC	K4GTR
N1USB	W4KVS	W5OV	KG5X	W6TJU	K4JQU
N2IPH	W6ZQ	W7UT	KJ5OA	WA1LAD	K8XF
N4CE	W9EBK	W9NFL	N3TBB	WA5TRX	KA2BSK
N5FPW		WA8EQP	N4NIA	WB5NHX	KA7EII

KC0YBM	N2LID	W7JWC	VE3RX	W3ZGD	K4SPA
KD5CKP	N2VHZ	W9SX	VE5MX	W4GPM	K6YK
KF4KSN	N2XK	WA2ONK	VE7AB	W4VG	K7HPN
KM4NYI	N8PAQ	WA3I	W2GR	W5DMT	K8OI
KT5WB	N8YBY	WA4WR	W3IPA	W5DWA	KB2YWU
N1VMJ	NT2A	WB2SIH	W3TA	W7EIR	KB3IAI
N3UMA	NW5Q	WD8DOT	W4LNG	W7TRX	KB3NDS
N4BH	NY2Z	WS4S	W5ODD	W9IFW	KB7AZ
N5OTY	VE2DCP	XE2AT	W5PUF	W9NED	KC5POV
N6MA	W1HMM		WA7LHZ	W9WI	KC8LGL
N9APK	W3VHF	94	WA9BXB	WA5ICA	KE1IU
N9IO	W4KK	AA4RP	WT9U	WB5CON	KE7RTB
N9KY	W4TMR	AB4VT	WV7S		KG4QWC
NK7C	W7JHS	AD1DX		92	KI3O
NU0Y	W8DM	AK8CW	93	K1EY	KI5BLU
VA3FIN	WA3EEC	HK4SAN	AG2A	K5GDX	KM7N
W3QT	WB0M	IK8YTA	AG6CV	K5TDA	KM9I
W4CWA	WB5KJE	K0ARM	A18F	K7FU	KQ6K
W4DAS	WP4LNY	K3BEE	K0IW	K7HKR	N3PPH
W4ID		K3TUF	K1PTF	K7UWR	N3WCM
W7DN	95	K4JRK	K1ZK	KB0PQP	N6DW
WA6OSX	AB9AI	K4LDC	K2AK	KC4JNW	N7CZ
WA9LEY	AE0G	K4NNX	K2MTS	KD4QMY	N8DEZ
WB8RVK	AE5EO	K8GT	K4DAM	KE4WBO	NR4J
WB8ZTV	K1PNQ	K9DOG	K5TRI	KG4URP	NU4N
WB9PNU	K4ED	K9SUL	K6RM	KR7X	OE9KFV
WE8L	K8KFJ	KA2F	K7IP	N2SG	VA2BBW
	K8ME	KA9UVY	K7TRK	N3GH	W2SUB
96	K8VD	KB7AK	KB0USF	N4VN	W4MLN
AD5OW	KD7WH	KC0AUJ	KC5TGT	N5QO	W5KDA
AE4TQ	KD8DR	KC3AK	KC5TT	N6FD	WB0NRV
AK4F	KD9ZR	KD4VRZ	KC9TTR	N6RPM	WB7X
HB9EFK	KF6XA	KE3WM	KC9UL	N7DED	WC4V
K2CK	KI0SK	KF0LA	KD0QG	NS6E	XE1GZU
K2UF	KW9U	KG4NLZ	KE6AZX	UT5JAJ	
K2UNK	N1XK	KU4JZ	KE6UMW	W1PV	90
K4EQH	N2SLO	KV3W	KE8RPJ	W2ACY	AA0LM
K5CRJ	N2WLS	N0LNE	KI0J	W2CVW	AB4WL
K8EMR	N3WAV	N0LP	KK7MNC	W3ACO	AB9DU
K9OT	N4ET	N1TOR	N2BX	W3HZU	AF5BG
KA2NDX	N5BLY	N2SU	N2YTF	W4BP	DL1SMA
KA3HED	N5ENU	N3JBH	N3AO	W4LIA	JH4JNG
KB5GI	N5KI	N3XBG	N3ZBK	W6NS	K1HC
KB8PNS	N9IV	N3YUG	N4GOA	W8JV	K1KA
KC0HBP	N9LJX	N5ZMP	N4YHC	WA3JKB	K3CWF
KD6PY	VA3KS	N6HY	N7EGY	WA4EEZ	K3UAL
KI5TE	VA3PZ	N6MXU	N7JI	WM3O	K4AAP
KM2O	VE3KZ	N7NH	N7KSI		K4FTP
KM5NU	VE3SPW	N7UN	NA9D	91	K4XZ
KR4EE	W4YZJ	N8WWM	VA7QI	AA0CW	K8EAB
KS4V	W5ADA	N9DD	VE3WMD	AD3Y	KA5TJI
KT5RR	W5CBF	N9UNX	W0MHK	CO2WZ	KB5FHK
N0WVU	W5RCQ	VA3MA	W2VTV	K1UR	KB7BSA

KK4DZP	WR5AY	KB1VUN	W4IT	W5DAS	K6MAA
KW3DX	XE2NL	KC8NAH	W4RA	W7YOZ	KI4CYB
N2ULL	XE3DX	KE6WOX	W6ST	W8GG	KI7WXP
N4BRF		KI6RRD	W7SIR	WA2ONG	N1GNB
N5BA	88	N0ELA	W8DQ		N2MH/4
N9JJ	AA4QE	N2CJN	W9QY	81	
VA3XOV	AE0DX	NA5DX	WA4WKL	AB4I	75
W9CPV	AE4OF	NE5S	WD4LSS	DF3CB	G4RGK
W9CSY	AF4MI	NI5F	WF4R	KE4DZU	K3PP
W9HBH	K1RS	NN7RM		N6MM	K6VHF/HR9
WA2BEV	K3TN	W8GOC	84	N7NEV	K8QM
WA8OJR	K4XD	WB3IGR	CT3FT	NI4Y	N5GH
WD9HCF	K7CTV	WB8JAY	K4EZY	W3MC	NP3YL
WE7H	K7WV	WF4W	KE6NDG	WA4ZXV	W4LVH
WEST SEATTLE	K7XTEUR	XE1RBV	N1KI	WA8ZNC	W5UC
WH6LE	K9JF		N2NWS	XE1EE	WP4NEG
WT4C	KB2KIR	86	VE2WBK		ZL3AAU
XE3/K5ENS	KC1GWX	AG1T	W8PU	80	
	KC3MLC	K7FB	W8SGR	AC6BW	74
89	KE8UM	KA9OKH	ZS6NK	K7FR	AK8B
AB1TZ	KI2D	KB7JJG		KE4PT	CX4AAJ
AG2AA	KI4RFM	KI6HQT	83	KR4Q	KF2TI
AG7NR	KJ4KW	KN4MMH	AA6E	KW1DX	LU4FPZ
G4NBS	N0OK	KP4TB	AC9GK	N2NS	TI2CDA
JQ1TIV	N1CEO	KT1R	DL5XJ	VY2HF	VE6SO
K4BMM	N2MKT	N2NF	K1LH	W5TTY	VK4CZ
K5CX	N2ZN	N3MVF	K4SQC	W6TCP	WC6DX
K5JAZ	N4CAG	N8TFD	K6JJ	W7AM	
KA0MWA	N4GN	NZ3O	K8SIA		73
KF4TVL	N4KIN	VA3MDB	KB3HHA	79	G4FKA
KI0G	N4UC	VA7LM	KB9LIE	K4RW	JF1IRW
KI4FW	N5VBK	VE7IRU	KC1UYZ	K5JBT	SV1RK
KI4US	NS3X	W8IW	KK7BV	KB4DSL	VP2MJD
KR4U	NT4TN	WA1PMA	KU4WW	KP4N	W4WT
KT3X	VE2VLJ	WA4USA	N6KTH	N2COP	
N2GZ	W2BZR	WB4GCS	SV2AEL	N5YJZ	72
N5KAE	W3YX	XE2AU	TG9AKH	N9RC	N4II
N8YSZ	W4DL		W7USB	VE3CFK	PV8ADI
N9RG	W4RXR	85	WD6T	W2GW	
N9UDX	W7HDD	EI3IO	WD9IOK	W2SKI	71
NE2U	WA2BTR	K1UU	WI6Z	WN0L	K0GW
VE3VCF	WA5MD	K4LRP	XE1MM		K4GK
W0HRO	WK3N	KB3MXK		78	K5WPN
W1HY	WV8O	KC0V	82	K2QPN	NP4TT
W2JEK	XE1SOV	KE4DRF	AD4IE	TG9AWS	W2YR
W2OK		KK4AND	CB0ZA	W4NE	W3FGP
W4ZMM	87	N2RJ	K3RJK		WC5M
W6VNQ	AC0A	N4LS	K4JMX	77	
W9HT	AG4I	NJ1Q	KA5WSS	K1IFJ	70
WA7SDI	K4JC	VE3GFN	KC5YKX	MI0AYR	GI4SJQ
WB3IAL	K5UZ	VE7DAY	KG4KVZ		K4BNC
WM6Y	K5WO	W1WV	N1SF	76	KC0ZRX
WQ5C	K6UIP	W3STU	PU8TEP	K0WYN	N6GEO

W2QO W4GP	60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ HL2IFR JE1VTZ	LU9DO UR5WA	PA7TWO	HB9HIT LU5FF PY2RN SV8CKM UT3UA UX0DL WC2C
69 K3WGR W1YM WD4LBR	58 HB9BIN KC6NBI SV8CS WA2MUA	46 LU2DX	34 G4SEU LA2QM	23 GM4ILS HB9G K4SLC KP4EIT W8MK	
68 AA4S EH7CD K6CF KJ7TEA KW4OV	57 IK1ZOF JL1UXH N5LJL WD5GRW	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH OE3SGU	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL W7YED	56 KI5WA LU8ADX NI6T	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	
66 K6KLY KB4YKC KK4YEL	55 JL3MCM LA3MHA WA2EMF	43 8P6SH CT1EEN HB9RUZ K4ZIN	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR YL3HA	13 JE2UFF K4WY PY2MC W4PWF
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	41 N6PAZ	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB
64 K3BQ WD5GRW (EM13QC)	53 K0BBC PP1CZ	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP		11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
63 EA1DR KB0RFY	51 CT1ETE N8OFS VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX	18 AJ6V HL4GAV KJ4EU W0HBH	
62 HB9ALO HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	49 N8MR	37 BA7NQ HA5PT JA9APS JH9DRL	26 WB7QXU	17 G3LZQ PY2XAT W0JM	
61 CU3AN N0GVK US5WE UX1UA	48 G8BQX JA9KRO K0BBC/R KI5KC N6DBF NP3IR YY4DNN	36 JA1WSK	25 EA4/K1WE	16 N6VHF	10 AI9L DL4CF HB9BOS JI2UDK PA5KT
		35 GI4OWA	24 EI2JD F1RAF F4BDG KS4YX ON6AB	15 9K2BM EI2GLB	

SV2DCD	MU0GSY	2	IW0AFS
TF3Y	OK1IN	5B4ALJ	IZ0BTV
UR7DWW	ON5UE	6K5XZE	IZ2CSX
	PP2RON	7J1ADJ	IZ3DBA
9	SK6QA	9A2GA	IZ5FSA
DL7BA	VE2NGH	9K2NO	JA1GZK
EB1EWE	VR2XMT	BV6CC	JA7DPC
EC7ZK	W1ZR	CO6CBF	JA7VXB
G6BFP	W2ZF	DF8FT	JH8XVT
IK3ITB	YL2CZ	DK1CO	JI1HNC
JA1MZL		EH4BPJ	JJ1PFC
JA2FGL	4	ES8JX	JL2ULM
JE1LFX	CT7/RC2A	F5TMJ	JN3ONX
KD3UY	EK/RX3DPK	G0THY	KC3KJQ
S51NM	F1DFR	G4DDL	KG4JSZ
	IV3GOW	G8GNI	KH6WI
8	JG1JPE	GI4ONL	KP4DER
DK2LO	JH7IMX	IK1IYU	MM0INH
JA1CPU	JH7IPR	IK2GOQ	OK1UU
JE3PCP	JK6DXD	IZ8XQC	ON6NA
JJ2NWI	UT5EL	JA6AVT	OZ1IKY
N8RO	VK4ZP	JA6SZV	PU5SVE
OH8LXT	XE1SAX	JA9FAI	SM3GBA
		JH3MHI	SM6LPG
7	3	JP1HDK	SP7EXY
DH0GSU	DF1ZN	K4KZM	SQ5NRY
G8APB	DJ5AV	K7LY	UN8G
HB9GWJ	DL2KQ	KEN IN NEBRASKA	UR5EDX
IZ0INX	EA1AR	LA2CQ	VR2VGM
JA2NDQ	EA4D	OH3KAV	WB7VUF
LA3DV	G3LHJ	SV1XV	YO8WW
N5ORT	GM4CFS	SV3FUO	
NJ4Y	GM4KHE	YB2DX	
UR5FEO	HA9PP	YL2KF	
ZS4TX	HL2ZN		
	IK0WRB	1	
6	IK8EPC	3A2MW	
CT2FEY	IW3GJF	9A2EY	
DL1TRK	JI1CHH	BD4UJ	
DU0A	JM1GHT	CT1AHU	
EI2JC	JN1BPM	DH8BQA	
JA7NGE	JR6IQI	DJ3ZF	
PY2VA	KC0Y	DL2DCX	
	PY5IP	DL4ZAB	
5	SA7CJO	DS5TOS	
DL5LH	SV1VN	EA3WD	
EA1AAA	W1CBY	EA4GQS	
EA7ZY	WD9EWK (DM43)	FF1VEV	
IK8GYS	YB1TJ	G4VSS	
JI5USJ	YL2CA	G6MXL	
JJ1IDW	YL2MU	G7SQS	
KB8VAO		G8TTI	
M1VPN		IK5BSC	