

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 (11 Nov 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	AF5CC	465	W5XC
AA0MZ	W3CP			NY0V	
AA5AM	W4UDH	485	477		452
AA5C	W5ADD	K0TPP	KC7V	464	N5BO
AA7A	W5AFY	K9MU	N5KO	KB9OWD	N9BX
AI5I	W5AJ	N0POH	N7ZO		NE1B
K0GU	W5EME	W5VY	NC6K	463	
K1TOL	W5FF	W5ZN		K4MY	451
K4PI	W5KI		476		K5WBM
K4XO	W5OZI	484	KC7QY	462	
K5RK	W7GJ	AD6D		K6ZH	450
K5UR	W7JW	K7BG	474	N6ORB	AJ4F
K5WE	W7KNT		K7KQA		KF8MY
K7CW	W7MEM	483	W6XK	461	
K7ULS	W9FF	AC0RA		N4JQQ	449
K8SIX	W9JN	K1USA	473	NA9RB	KF6HI
K9CT	W9RM	W0VTT	N4TB		W8TN
KA9CFD	W9XX	W5TRL	NQ7R	460	
KA9FOX	WD5K		WB0O	K4SO	448
KD5M	WQ5S	482			KP4AJ
KG5CCI	WS9V	K0BJ	472	459	W3LPL
KM0A		KX4R	AI1K	N5NA	
KO9A	487		KB7ME	XE2K	447
KR7O	K0SIX	481	WD8JJA		AH0U
KV5W	K1TO	W9VHF	WE9R	458	K3SX
N0LL	K7MAC	WA7HQD		K9NW	K4HB
N0LWF	K9YY		470	KG5THG	KS7S
N0PB	KM0T	480	WO7R	N9BCA	N4SC
N0TB	N0AKC	K5GZR			
N1AV	N7CW	N4WW	468	457	446
N3SL	N7IR	WB0ULX	VE3EK	NI0G	K1HTV
N3XX	N9ISN	XE2OR		W3UR	K6EID
N5DG	NA6L		467		WB7CJO
N5OMG	W3IP	479	N5EKO	456	
N6JV		N5WS		N4QS	445
N7NW	486	W5WVO	466	N9PGG	K4XP
N9LB	K5ND	W9RN	KA0JGH	W5THT	K7PI
N9UM	KY7M		KB6NAN		KU7Z
ND0B	N0KE	478	WB9CIF	453	N8OC
W0FY	N7KA	AD1C	WX7M	K4YMQ	
W0JW	WD5COV	AE5B		KB9DAK	

444 N7BAV	432 K6GXO N6KK	417 NJ6D	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF	KZ2I N8WNA W6TMD
443 AB4IQ K8ZM N4MM WB8ZBT XE2X	431 K0TLM	416 K4RWP K7ND KO4MA		391 AD5A W4AVY	378 WR7X
442 N2QT N4TL	430 K1TEO N5TJ	415 K5OMC K7AWB W0GJ WW1L	404 AA1ON N2ZX VE4EAR	389 AB4SF	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD KD3CQ	429 WA5JCI		403 NH6T/W4	388 K0IP W4WRL	376 K8GI K8VFB N2WK N3OC
440 AG9S W2IRT WA1EAZ	428 K5RT K9APW N2NL	414 K0DEQ N0GZ ND4X	402 K3FM K7SMA	387 KV4T N4CH	375 K6QG WB4OQX
439 WA9DU	427 N4LR W0RH	413 AE5FM WA9LFO	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S	374 KV7K N6GP N7DB
438 K9MK	426 K4ZOT K8ZR N5OK W5JAY	412 VE2XK 6M FN07W	400 W0JRP W3UUM	385 NK1K VE6MB W4WTA	373 K4SSO NY1V
437 KK4MA	425 K6ML	411 N9EAT	398 N8IEZ W1NG		372 JA7QVI W5MO
436 N4QWZ N9FN W3TC WB8ART	424 N4UFP N9AKR W3EP WB8BPU	410 K5XI KE7SW KE8KMX KI8G N4HN	397 K8JH	384 K8ROK W7FI	371 WA6BYA
435 KF6A	423 AJ4A W4DR	409 N5SYV	396 K6VHF KB8U	383 KI0E	370 K5TN KN4SM KS4YT N3MK NT0V
434 K1SIX K8ROX KF0M	422 VE6WQ WB5JID	408 W7BA	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO	369 KF8UN N2DPF
433 NA6MG NM5U W3LL W9WO	420 VE3LYC	407 W4AS W5CIA W5PR	394 AA5JF K2TER KT8O N1EVK	381 AG4W W3VZ	368 K0DD KB0V W5RCI
	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB N4UFO	393 K1GG K7XC W4TV	379 AB9BH	

W6GMT	353 AF2K K0CS	N0AN N8LRG	N6KZ W3GQ	325 WA2AEY	314 KU4XO VE3XN
367 AA4ZZ KC4HW KR4BD W7YAQ	352 KF9UG NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
366 KI7JA	351 AA4FL K5DTC	338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
365 K4JJW K7XB KG7CW W4FC	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI	322 AA8SW N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
364 AB5EB K0RAR N6QQ	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S	329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT WB4KTF WX4G	321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX
363 W4NH	346 W8LMG	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD	320 N4DW	309 AA4LR
362 W1JR WA5OLT	345 KB1EFS VE7BV W3XY XE2YWH	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 KJ5RC N0YO W2JU	319 N7US W4ER	308 WA4HFN
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	344 AC9DX K6FW KB0PE N9XG W1OW	333 KM4HI KN4NN N0IGZ	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	318 W4HY	307 K1ST KE5K W3ATV W9RPM
360 AA4FF K6UM (CN85)	343 AB4EJ K5EK N3RC W2HRO			317 KA8SYV W1SKU W3HDL	306 K4QE K6RO N0LD WB0OQV WV9L
358 K5RLA K6EME KG8P NK0S	341 KD7DCR NX7U WA7YAZ			316 K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KF2T
357 K4LVV	340 KE4TH			315 K5VH NY2NY XE1AO	
355 KD5XB					

KT1J WA9M	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM	K3WA KV7N N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R KK0DX N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW
304 K6IPF WA0GUD	295 JG1TSG KE4P N7NT	285 K5CZD K9UO XE1YY	277 AC7JM NS4T PV8DX	268 K6OJ N9ZTS W0KAN	260 K6JAD N6HC NT7C XE1YD
303 EA8DBM K8TGC K8TL N7LAN	294 K6JSV	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	276 K2CS K5TWJ K7TAB W9OO	267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA
302 KB2TGU N3KN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK		
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY		282 AA0ZP K0CAO K0PG K5TA N8JCM W4WM	274 KB1DMX WA8MCD	266 K1OA K1WVX TG9AJR VE3MSC WB8EJN	258 K2HAT NA2NY WB7ECS
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	292 KJ6P W1SSN	281 JR1LZK K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	265 N5KS W7CT	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O
299 DK8NE VE6WK W1LE W5SUM W8UV WB5GVY	291 KS4S W1WHL W2CCC	280 N0KV NM5Z W1FKF	272 KF8QL KO4PRE N4SV	264 AC8L K4JAF K5KEW N0TK NF1O	256 N8ZJN
298 AG1A KD4WSC N4IQ	289 K4MM K9FA N5BCA N7RO NQ7G W4LTJ	279 AA8MA N3JPU W0VHF (EL87) W8GJ XE1FAS	271 K7NII KB7FUV KM3V W3HHN W3SW	263 AK4PR K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE
297 KE8Y N8YQX N9LF	288 K1NU N6AR W1DU W4HLR W7YA	278 AA9D AJ4W K3JT	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ NR0Q

VE3OTL WD5ITW	245 N1IA N3XF VA3CW	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	KI5FJ N2YU N6KW
253 KG4ERR N2XQM	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX			214 KB9PJL VE3SYK WA7AJ
252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT		235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC
251 AD5JK HC1BI K1NJ KG7NV NN4SS	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT	227 JM1SZY K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA
250 AA9LC KL0S NW6R	242 AE4WG K3WW KA3TCC	233 K1AFC N3AIU (DM45) N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HNK W6AER W6KAP
249 CT1IUA K7LOL K8AO KQ5U N1GC W2LV	241 N6NU W5LO	232 K5FO N0FJP N9NJY		218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	210 K3MSB K9YC KL7NO N1TQ N6UK WQ9T
248 K1ZZ W6VFA	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K5VR K6HEW KF6GYM W9XT	225 AC9O K9QJ KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N
247 W3TEF	239 K9MQ KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8	224 IT9IPQ JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W4HFZ W5RWF WA2OTC	
246 JA1UAV K0DAS K8YC KK8X N5TIT VE6TA (DO33) W4FRA WI7P	238 AA3GM JP1LRT MD0CCE		223 K7UA NJ7A	215 AL7OC K2SX	208 AI2N CO8DM KD5HIO PV8ABC
					207 N1BCL

N8NJA	200 4A2MAX	K9AB	K9SG	N1RK	KC6ZWT
206	K4YJ	192	KN4PPD	N6PEQ	KG7P
AB0CT	N5AO	N1LF	KN7K	N6VH	KU0A
AK4Y	N9AG	N2NB	N0XLR	W5HI	N1MGO
CT3MD	VA3VU	N3CAL	N6ZE		NA2NY (ex-NA1VT)
K4GHS	W1AW	N3NR		179	NA6O
K9YC (EN61)		N4LXB	185	K1EP	W3SO
KB0LYL	199	N4TV	AD6W	KU4WD	WA2PNI
NA5Q	N3KFB	W6MTR	KD5BQT	N0LIE	
W0BNE	W4OEP	W8FN	KU4UC	N0MMA	173
W4EJG	WB0YEA		NA2R	NH7RO	K2ZZ
XE1J		191	PY5CC	VA3DPB	K5YPV
	198	K0ITC	W3OU	W8LHP	KE4SCY
205	AC8TO	K9CS	W5BPT	WA4QMQ	
AF4OD	JR2HCB	KK6OH			172
K8SD	N0UK	N9AMW	184		AB9KZ
KE4HOA	N7EPD	WA2BKN	4O3A	178	K5ZED
N5ITO	NX0I	WA5CAM	AF5Q	KA2AYR	KI4PKW
W8QID	W8DM	WD4JHD	K0DEW	KB0EO	KJ6HI
	WA7KYM		KR4M	KB1RZA	VE2PN
204		190	N1IBM	KG5RJ	W4ABC
LU2DX	197	K5DB	N4BG	N1ZUK	
WA3DRC	K3EGE	K5ER		NQ2O	171
	N4BAF	KC2DLD	183	VE3NRT	AA4PB
203	W3TW	KK8MM	K5RQ	W0ZY	HP2AT
K0VSV	W5CTV	N5SMQ	N0UBL	W1MAD	KC5GSK
K5HYT		N9UA	W2UDT	W9JJ	KC5YCH
K5LOW	196	W1ATV		WY7FD	KI4TZ
N0HF	K0AIZ	W2OO	182		NS3L
N8SYF	K0NR	WB0DBS	AJ6T CM87	177	W1PX
W1RM	N5DUW		FP/KV1J	AG4ZE	WA2KBZ
W3SZ	W2AMR	189	K5GMX	K2QQ	
W9GFB	XE2ED	KC0MEA	K8WK	KI4BWW	170
W9VOB	XE2W	WA5VKS	NZ1I	SM7FJE	K9TVG
WA1KPD			XE1CL	W5ZG	N4GBK
	195	188		WA8UEG	N8CN
202	AA4W	AD7KI	181		NA2U
K1BZ	JA7MSQ	KD4HLG	AB9FN	176	W1MJC
K5GJR	K2WJ	W4AZR	K4CMS	AD5ZA	W4IHI
WC7X	K6VDP	WA7VHF	K5HDE	EA5BY	W4JKC
WF8Z	KG6WIK	WU9Q	KB8YKR	K0DI	WK3V
WQ5W		WX9M	N3XJX	KX9X	
	194		N4DTF	N5QGH	169
201	K2MRK	187	N9MSG	NP4BM	K6XC
AA7WB	K3EA	AA8R	NY0A	W5AFD	KD5OMJ
KC5FP	N3FA	KD3HN	W4RBO	WA5IPS	N2BEG
KO9V	N9NFT	KQ0J	W9BS	WW2R	N5XES
KR0I	WF1H		WJ1B		N7PHY
NN0K	WK8A	186		175	NY4I
NR2C		DJ5FI	180	PV8BR	VE3HHT
WA1MKE	193	K6ZZ	K0OST		W8KNO
WA9ASZ	K7PT	K8PT	K4LYN	174	
			KC1MMC	K3MD	
				K6WRL	

168 KG5ZMQ W2PD W8WEJ	WB0WAO	154 AE4NT KB9VMW KD2NF W3ZQN	N0TM N5ZBI W6VNI (CM88) WB6RAB	WB0MMC WM5H	138 AC0XY AI6O JA6RJK KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	161 K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG	153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N6DHz W3DQS W5FI W9ILY WB5ZAM	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	142 N2ZA N5RMS NA2X NC4VA PV8AJ W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED
166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM N2WM NU1T UT7QF W6IA WO4G	146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	141 K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
165 K4DXT KD5HPT N1JFU W0RIC	158 I0WTD K8CR KI0D N2CG	151 KO0Z OE6IMD W1ZT W2DXE	145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VE3KY W4TUN W6DQ WA4KXY	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	150 N9LAH VE3OAT W7APM	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN		134 AB1NS AB4GE C6ABB GM4UYE KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR
163 K2JF K2YSY N3FX N5XZ	156 K2KJ K9OHI N3RN N9KO VE7VDX	149 AB6CF K4SAN KK9H W3UA WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V	
162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z	155 AE4M CT1BWU K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX	148 AC0DQ AG0A K0RU K7IU KB2YSI			

133 KA5ETS KC1RET KE1VT KM8V W0RT W4GE WI5D WW7Q XE2O	KF4NEF KM5LY KM5SC N9WBR	KM1C KT5MR N0SL N9AZZ PV8AAS W0PE W1TAM W6SCQ W7YM W9CDL	120 EA1YO K2CYE K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06)	N5LPT NA7L NU6V W6WE WA1TBV XE2PXN	N4YCI N5YK W0BM W8MSP W8VW WD0ENC
132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP N8IK NE1I VE3TM WN6K	128 JR2LJO KC7QAG KJ6SDF KN4DMN N1SFE W0WT W5ZO W8FR WB2WEO	123 AC7AF K9SM KB0GT KB0STN KG6DHQ VE3TG W1HS W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX	119 AE5AU K0AWU K1ZN K2SQS K4MSG K7JIZ KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W5DM W7QQ WI4T WM9M	116 IK7EOT K4RGN KI6QDH KU5B N0VR NO0B W0DHB	112 K2MLS K3GD K5WTA KA7T N5HMH W1TR W5DQ W6OAT W7IV W9PN WA8TWM WG3K WX3P XE1GK
131 JR1BAS K3NAT KG9R N2CJ TF3JB	127 AA9RK K3GYK K7UV K8AC K8OS KB3OZC KB9TLV KC0RQH N6UTC NO8D VE2JWH W1FLD WA6BIL	122 K7AED K7OGW KA9JAC KB4UF KB5WFE KC5UGX N5HYV VE6PY VE7JAC WD0GTy	118 J68AS K4AZV KA4LBD KF6MXK KI7BP KT8X KW4BY N1QDQ N3JNX N5EIL W2AC / WB2ABK W2AC/WB2ABK WB2KSK	115 K9MMS KE6TVM KF0QS KF9AF KM5FA N7VGO UW5ZM VK9DX WA3BZT WC7V	111 N0SLT PC3T W8GBH WZ8P
130 AB0X JA3LZS K0GUR K4JKB K8LG KC4NX NG9R VE1DX VE2TZT W0PHX W2LES W3FEY WA2SEI WB4YDL WW5W	126 KJ7G N0BDS N7DGI WB4HUC YL2AO	121 AE1P K0MFI K4HBI KB2WAL KB5MH KE4JFS NE0P/9 UR0MC W8DN WB9TFH	114 AC8HU K2RET K3RTU K9AAN KC4GCK KG9Z NF8M VE1WOW VE3IRR W2JLK W2ZQ W4ALF W4UFO W02C WX4US	110 EA4DEI K5KR K7LD KD5J KI0F KP4JRS KQ4LA KX5U N5TIF N5YM W7JET W7UP	109 AK6ZZ G4BWP IW1ARB K2DSW K2JGL K2OO K5DNL K9GY KE6GLA
129 8P6ET JF4VZT K0KD K5QWO KC8KSK	124 K0DLW KB0HH (EM06) KD5FTD		117 AB5J K4WS N4USG N5JEH*		

KJ6CA	KK2DOG	NJ1H	VE7ZD	KD3SW	W2HOG
KZ7N	N0RQ	VE2PIJ	W4RVZ	KE5CVM	W2VU
N8TMW	N1USB	W1TE	W5DPT	KF0Q	W5JLC
N9TTX	N2IPH	W1ZE	W5OV	KG5X	W6TJU
VE3AAQ	N4CE	W4KVS	W7UT	KJ5OA	WA1LAD
W0YJT	N5FPW	W6ZQ	W9NFL	N3TBB	WA5TRX
W1OP	N5YHF	W9EBK	WA8EQP	N4NIA	WB5NHX
W4ZRZ	N8HM	W9MDB	WB5FDP	N5RZK	WB7VVD
W5MPC/1	N9XMU	WB2VUO		N5XTR	WK5X
W7RJR	VA3OKG	WB8BZK/VE3	101	N7EME	WW2R (EL09)
WB6YIY	VE3AJY	WL7OU	AE7V	N8COP	
WB9W	WB6VYH		K0IN	N8XS	98
	WQ9F	103	K0SBV	VP2MRM	AC2RL
108		AA5CK	K0WJ	W2CH	AD8Y
CF3VRQ	105	AB0YM	K2NUD	W4/KL7GLL	K0KC
HB9BZA	AC4Q	AB5SS	K5DWI	W4OZK	K0UD
JA9IPF	DS4EOI	K2OY	K5HX	W8BZY	K3IXD
JP7EIP	K4SJA	K4MVL	K7SYS	W9DQ	K3QIA
K5OPB	K9MAL	K6USY	KB1JDX	WA5TLP	K4OP
N3MWQ	KB3JGS	K8ZEE	KB4KBS	WV9E	K5HOB
N5DD	KC0JYT	KA1W	KC6AWX		KA1EKR
VE3SUB	KC4KK	KB0FHP	KC8CSD	99	KE4LGL
VE7IG	KF4DGS	KB2SGX	KG8WB	AB0SD	KG4YOU
VY2RU	KJ7TH	KC9FFV	KG9IL	AB3TM	KG7E
W4AMP	N4NQY	KF0AIJ	KL2R	K0YO	KJ2G
W4CRN	N5SAN	KF4DVG	KR4WM	K4KEW	KK0CQ
W5AAJ	N7YY	KR4NO	KR7LD	K4WQ	KY0Q
W8EH	NE9O	N0YXE	N1IX	K4ZO	N0JJQ
W9VNE	PU4JOE	N1JIF	N4AOE	K5VPQ	N1JHJ
XE1R	VE3VRQ	NF6P	N8VEA	K7DD	N3LRP
	W8MIL	NN2D	N9DVS	K7PAP	N5TEY
107	W9RVG	VE7DXG	ON9CMR/W0	K9ZZE	N8AID
JA3EGE	WA4MYO	W0TF	VA2LGQ	KA0ZEE	NO5X
K5UIC		W3LEO	W4LLP	KC2IEB	NO8R
KF7PG	104	W6IT	W5KBD	KC6X	VA3VF
KI9A	AB9YC	W6XU	W7ISG	KD4MWO	W2KRP
KK4LUM	AC5K		WB8IMY	KD6RUH	W6TE
N3TTT	AC5RN	102	WD5IYT	KG9AP	WA2FGK
N9OI	AC9QR	AA9MY		KR4UA	WA3TLT
NF0T	IK4DRY	AB8JH	100	M5MYH	WB1GQR
US0KW	K5PPP	AD6KH	AC0FT	N4FV	WB2YDS
W2TTT	KB9RNO	K0HAQ	AI2S	N5OHL	WD0E
WB4PPW	KC1LXO	K3HW	AI9U	N7HRT	WH6LR
	KC2TR	K9AM	K2UA	N7JPF	WT5H
106	KD9GKL	KA3ZLS	K4UQC	N7TE	WV5Y
K0MEI	KJ7OG	KB8CR	K5GM	N8GHZ	
K5BJW	KM6WXB	KC6WFS	K5KV	N8YV	97
K7BWH	KO4LZ	KC8DMN	K8IJ	N9MKC	AB8M
K7JE	N0STP	KD8NYO	K9CC	NB5R	AJ9C
KB0TIJ	N1LDY	KE1AU	KB9ZLB	NH6CJ	K0HB
KC7ICM	N2FBQ	KJ4M	KC2HLI	NI5W	K0JQZ
KE5JXC	N3UPS	KR5V	KC8CC	NS2P	K0QEI
KJ6MBW	N7AGF	N1HOQ	KC9CMT	VE2HAY	K0SH

K0YQ	KM2O	VE3SPW	N7UN	N7KSI	91
K3HZO (FN20)	KM5NU	W4YZJ	N8WWM	NA9D	AA0CW
K4GTR	KR4EE	W5ADA	N9DD	VA7QI	AD3Y
K4JQU	KS4V	W5CBF	N9UNX	VE3WMD	CO2WZ
K8XF	KT5RR	W5RCQ	VA3MA	W0MHK	K1UR
KA2BSK	N0WVU	W7JWC	VE3RX	W2VTV	K4SPA
KA7EII	N2LID	W9SX	VE5MX	W3ZGD	K6YK
KC0YBM	N2VHZ	WA2ONK	VE7AB	W4GPM	K7HPN
KD5CKP	N2XK	WA3I	W2GR	W4VG	K8OI
KF4KSN	N8PAQ	WA4WR	W3IPA	W5DMT	KB2YWU
KM4NYI	N8YBY	WB2SIH	W3TA	W5DWA	KB3IAI
KT5WB	NT2A	WD8DOT	W4LNG	W7EIR	KB3NDS
N1VMJ	NW5Q	WS4S	W5ODD	W7TRX	KB7AZ
N3UMA	NY2Z	XE2AT	W5PUF	W9IFW	KC5POV
N4BH	VE2DCP		W7NX	W9NED	KC8LGL
N6MA	W1HMM	94	WA7LHZ	W9WI	KE1IU
N9APK	W3VHF	AA4RP	WA9BXB	WA5ICA	KE7RTB
N9IO	W4KK	AB4VT	WT9U	WB5CON	KG4QWC
N9KY	W4TMR	AD1DX	WV7S		KI3O
NK7C	W7JHS	AK8CW		92	KI5BLU
NU0Y	WA3EEC	HK4SAN	93	K1EY	KM7N
VA3FIN	WB0M	IK8YTA	AG2A	K5GDX	KM9I
W3QT	WB5KJE	K0ARM	AG6CV	K5TDA	KQ6K
W4CWA	WP4LNY	K3BEE	A18F	K7FU	N3PPH
W4DAS		K3TUF	K0IW	K7HKR	N3WCM
W4ID	95	K4JRK	K1PTF	K7UWR	N6DW
W7DN	AB9AI	K4LDC	K1ZK	KB0PQP	N7CZ
WA6OSX	AE0G	K4NNX	K2AK	KC4JNW	N8DEZ
WA9LEY	AE5EO	K8GT	K2MTS	KD4QMY	NR4J
WB8RVK	K1PNQ	K9DOG	K4DAM	KE4WBO	NU4N
WB8ZTV	K4ED	K9SUL	K5TRI	KG4URP	OE9KFV
WB9PNU	K8KFJ	KA2F	K6RM	KR7X	VA2BBW
WE8L	K8ME	KA9UVY	K7IP	N2SG	W2SUB
	K8VD	KB7AK	K7TRK	N3GH	W4MLN
96	KD7WH	KC0AUY	KB0USF	N4VN	W5KDA
AD5OW	KD8DR	KC3AK	KC5TGT	N5QO	WB0NRV
AE4TQ	KD9ZR	KD4VRZ	KC5TT	N6FD	WB7X
AK4F	KF6XA	KE3WM	KC9TTR	N6RPM	WC4V
HB9EFK	KI0SK	KF0LA	KC9UL	N7DED	XE1GZU
K2CK	KW9U	KG4NLZ	KD0QG	NS6E	
K2UF	N1XK	KU4JZ	KE6AZX	UT5JAJ	90
K2UNK	N2SLO	KV3W	KE6UMW	W1PV	AA0LM
K4EQH	N2WLS	N0LNE	KE8RPJ	W2ACY	AB4WL
K5CRJ	N3WAV	N0LP	KI0J	W2CVW	AB9DU
K8EMR	N4ET	N1TOR	KK7MNC	W3ACO	AF5BG
K9OT	N5BLY	N2SU	N2BX	W3HZU	DL1SMA
KA2NDX	N5ENU	N3JBH	N2YTF	W4BP	JH4JNG
KA3HED	N5KI	N3XBG	N3AO	W4LIA	K1HC
KB5GI	N9IV	N3YUG	N3ZBK	W6NS	K1KA
KB8PNS	N9LJX	N5ZMP	N4GOA	W8JV	K3CWF
KC0HBP	VA3KS	N6HY	N4YHC	WA3JKB	K3UAL
KD6PY	VA3PZ	N6MXU	N7EGY	WA4EEZ	K4AAP
KI5TE	VE3KZ	N7NH	N7JI	WM3O	K4FTP

K4XZ	W9HT	AG4I	VE3GFN	KC5YKX	77
K8EAB	WA7SDI	K4JC	VE7DAY	KG4KVZ	K1IFJ
KA5TJI	WB3IAL	K5UZ	W1WV	N1SF	MI0AYR
KB5FHK	WM6Y	K5WO	W3STU	PU8TEP	
KB7BSA	WQ5C	K6UIP	W4IT	W5DAS	76
KK4DZP	WR5AY	KB1VUN	W4RA	W7YOZ	K0WYN
KW3DX	XE2NL	KC8NAH	W6ST	W8GG	K6MAA
N2ULL	XE3DX	KE6WOX	W7SIR	WA2ONG	KI4CYB
N4BRF		KI6RRD	W8DQ		KI7WXP
N5BA	88	N0ELA	W9QY	81	N1GNB
N9JJ	AA4QE	N2CJN	WA4WKL	AB4I	N2MH/4
VA3XOV	AE0DX	NA5DX	WD4LSS	DF3CB	
W9CPV	AE4OF	NE5S	WF4R	KE4DZU	75
W9CSY	AF4MI	NI5F		N6MM	G4RGK
W9HBH	K1RS	NN7RM	84	N7NEV	K3PP
WA2BEV	K3TN	W8GOC	CT3FT	NI4Y	K6VHF/HR9
WA8OJR	K4XD	WB3IGR	K4EZY	W3MC	K8QM
WD9HCF	K7CTV	WB8JAY	KE6NDG	WA4ZXV	N5GH
WE7H	K7WV	WF4W	N1KI	WA8ZNC	NP3YL
WEST SEATTLE	K7ZTV	XE1RBV	N2NWS	XE1EE	W4LVH
WH6LE	K9JF		VE2WBK		W5UC
WT4C	KB2KIR	86	W8PU	80	WP4NEG
XE3/K5ENS	KC1GWX	AG1T	W8SGR	AC6BW	ZL3AAU
	KC3MLC	K7FB	ZS6NK	K7FR	
89	KE8UM	KA9OKH		KE4PT	74
AB1TZ	KI2D	KB7JJG	83	KR4Q	AK8B
AG2AA	KI4RFM	KI6HQT	AA6E	KW1DX	CX4AAJ
AG7NR	KJ4KW	KN4MMH	AC9GK	N2NS	KF2TI
G4NBS	N0OK	KP4TB	DL5XJ	VY2HF	LU4FPZ
JQ1TIV	N1CEO	KT1R	K1LH	W5TTY	VE6SO
K4BMM	N2MKT	N2NF	K4SQC	W6TCP	VK4CZ
K5CX	N2ZN	N3MVF	K6JJ	W7AM	WC6DX
K5JAZ	N4CAG	N8TFD	K8SIA		
KA0MWA	N4GN	NZ3O	KB3HHA	79	73
KF4TVL	N4KIN	VA3MDB	KB9LIE	K4RW	G4FKA
KI0G	N4UC	VA7LM	KC1UYZ	K5JBT	JF1IRW
KI4FW	N5VBK	VE7IRU	KK7BV	KB4DSL	SV1RK
KI4US	NS3X	W8IW	KU4WW	KP4N	VP2MJD
KR4U	NT4TN	WA1PMA	N6KTH	N2COP	W4WT
KT3X	VE2VLJ	WB4GCS	SV2AEL	N5YJZ	
N2GZ	W2BZR	XE2AU	TG9AKH	N9RC	72
N5KAE	W3YX		W7USB	VE3CFK	N4II
N8YSZ	W4DL	85	WD6T	W2GW	PV8ADI
N9RG	W4RXR	EI3IO	WD9IOK	W2SKI	
N9UDX	W7HDD	K1UU	WI6Z	WN0L	71
NE2U	WA2BTR	K4LRP	XE1MM		K0GW
VE3VCF	WA5MD	KB3MXK		78	K4GK
W0HRO	WK3N	KC0V	82	K2QPN	K5WPN
W1HY	WV8O	KE4DRF	AD4IE	SP5QWB	NP4TT
W2JEK	XE1SOV	KK4AND	CB0ZA	TG9AWS	W2YR
W2OK		N2RJ	K3RJK	W4NE	W3FGP
W4ZMM	87	N4LS	K4JMX		WC5M
W6VNQ	AC0A	NJ1Q	KA5WSS		

70 GI4SJQ K4BNC KC0ZR N6GEO W2QO W4GP	K4MLB N0GVK US5WE UX1UA	K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG KS4YX ON6AB PA7TWO	16 N6VHF SV8CKM TI2CDA
69 K3WGR W1YM WD4LBR	60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM	23 GM4ILS HB9G K4SLC WB8TGY (EN72)KP4EIT W8MK	15 9K2BM EI2GLB HB9HIT LU5FF PY2RN UT3UA WC2C
68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)KP4EIT W8MK	22 9H1SP IZ3ENH OE3SGU	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	13 JE2UFF K4WY PY2MC W4PWF
66 K6KLY KK4YEL	56 KI5WA LU8ADX NI6T	41 N6PAZ	31 K7TM	20 CX1FK HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA WA2EMF	40 E75AA JF1LMB JR0QFA WB8TGY	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
64 K3BQ WD5GRW (EM1370)CZ	53 K0BBC NP1CZ	39 AA5PK YL2JZ	29 HL2WA OE4VIE SP5APW	18 AJ6V HL4GAV KJ4EU W0HBH	
63 EA1DR KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	17 G3LZQ PY2XAT W0JM	
62 HB9ALO HL2EIZ IZ8EDJ K4DXA N6ZDH	50 N8MR	37 BA7NQ HA5PT JA9APS JH9DRL	27 E70A KC9ELU WP4NIX		
61 CU3AN	48 G8BQX HL2IFR JA9KRO	36 JA1WSK	26 DS4AOW WB7QXU		
			25 EA4/K1WE		

10	IK8GYS	YB1TJ	G6MXL
DL4CF	J15USJ	YL2CA	G7SQS
HB9BOS	JJ1IDW	YL2MU	G8TTI
J12UDK	KB8VAO		IK5BSC
PA5KT	M1VPN	2	IW0AFS
SV2DCD	MU0GSY	5B4ALJ	IZ0BTV
TF3Y	OK1IN	6K5XZE	IZ2CSX
UR7DWW	ON5UE	9A2GA	IZ3DBA
	PP2RON	9K2NO	IZ5FSA
9	SK6QA	BV6CC	JA1GZK
DL7BA	VE2NGH	CO6CBF	JA7DPC
EB1EWE	VR2XMT	DF3VG	JA7VXB
EC7ZK	W1ZR	DF8FT	JH8XVT
G6BFP	W2ZF	DK1CO	J11HNC
IK3ITB	YL2CZ	EH4BPJ	JJ1PFC
JA1MZL		ES8JX	JL2ULM
JA2FGL	4	F5TMJ	JN3ONX
JE1LFX	CT7/RC2A	G0THY	KC3KJQ
KD3UY	EK/RX3DPK	G4DDL	KG4JSZ
S51NM	F1DFR	G8GNI	KH6WI
	GM4KHE	G14ONL	KP4DER
8	IV3GOW	IK1IYU	MM0INH
DK2LO	JG1JPE	IK2GOQ	OK1UU
JA1CPU	JH7IMX	IZ8XQC	ON6NA
JE3PCP	JH7IPR	JA6AVT	OZ1IKY
JJ2NWI	JK6DXD	JA6SZV	PU5SVE
N8RO	UT5EL	JA9FAI	SM3GBA
OH8LXT	VK4ZP	JH3MHI	SM6LPG
	XE1SAX	JP1HDK	SQ5NRY
7		K4KZM	UN8G
DH0GSU	3	K7LY	UR5EDX
G8APB	DF1ZN	KEN IN NEBRASKA	WA2VGM
HB9GWJ	DJ5AV	LA2CQ	WB7VUF
IZ0INX	DL2KQ	OH3KAV	YO8WW
JA2NDQ	EA1AR	SV1XV	
LA3DV	EA4D	SV3FUO	
N5ORT	G3LHJ	YB2DX	
NJ4Y	GM4CFS	YL2KF	
UR5FEO	HA9PP		
ZS4TX	HL2ZN	1	
	IK0WRB	3A2MW	
6	IK8EPC	9A2EY	
CT2FEY	IW3GJF	BD4UJ	
DL1TRK	J11CHH	CT1AHU	
DU0A	JM1GHT	DH8BQA	
E12JC	JN1BPM	DJ3ZF	
JA7NGE	JR6IQI	DL2DCX	
PY2VA	KC0Y	DL4ZAB	
	PY5IP	DS5TOS	
5	SA7CJO	EA3WD	
DL5LH	SV1VN	EA4GQS	
EA1AAA	W1CBY	F1VEV	
EA7ZY	WD9EWK (DM436)	G4VSS	