

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 (21 Oct 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	485	KC7V	KB6NAN	453
AA0MZ	W3CP	K0TPP	N7ZO	WB9CIF	K4YMQ
AA5AM	W4UDH	K9MU	NC6K	WX7M	KB9DAK
AA5C	W5ADD	N0POH	W9RN		W5XC
AA7A	W5AFY	W5VY		465	
AI5I	W5AJ		476	NY0V	452
K0GU	W5EME	484	KC7QY		N5BO
K1TOL	W5FF	AD6D		464	N9BX
K4PI	W5KI	K7BG	475	KB9OWD	NE1B
K4XO	W5OZI	KM0T	N4WW		
K5RK	W7GJ	W5ZN	N5KO	463	451
K5UR	W7JW			K4MY	K5WBM
K5WE	W7KNT	483	474		
K7CW	W7MEM	AC0RA	K7KQA	462	450
K7ULS	W9FF	K1USA	W6XK	K6ZH	AJ4F
K8SIX	W9JN	W0VTT		N6ORB	W5THT
K9CT	W9RM	W5TRL	473		
KA9CFD	W9XX		N4TB	461	449
KA9FOX	WD5K	482	NQ7R	N4JQQ	KF6HI
KD5M	WQ5S	KX4R	WB0O	NA9RB	W8TN
KG5CCI	WS9V				
KM0A		481	472	460	448
KO9A	487	W9VHF	AI1K	K4SO	W3LPL
KR7O	K0SIX	WA7HQD	KB7ME		
KV5W	K1TO		WD8JJA	459	447
N0LL	K7MAC	480	WE9R	N5NA	AH0U
N0LWF	K9YY	K5GZR		XE2K	K3SX
N0PB	N0AKC	WB0ULX	471		K4HB
N0TB	N7CW	XE2OR	ND4X	458	KS7S
N1AV	N7IR			K9NW	N4SC
N3SL	N9ISN	479	470	KG5THG	
N3XX	NA6L	N5WS	WO7R	N9BCA	446
N5DG	W3IP	W5WVO			K1HTV
N5OMG			468	457	K6EID
N6JV	486	478	VE3EK	NI0G	WB7CJO
N7NW	K5ND	AD1C		W3UR	
N9LB	KY7M	AE5B	467		445
N9UM	N0KE	AF5CC	N5EKO	456	K4XP
ND0B	N7KA			N4QS	K7PI
W0FY	WD5COV	477	466	N9PGG	KU7Z
W0JW	XE2CQ	K0BJ	KA0JGH		N8OC

444 N7BAV	432 K6G XO N6KK	417 NJ6D	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF	N8WNA W6TMD
443 AB4IQ N4MM WB8ZBT XE2X	431 K0TLM	416 K4RWP K7ND KO4MA		391 AD5A N1EVK W4AVY	378 WR7X
442 KP4AJ N2QT	430 K1TEO KF8MY N5TJ	415 K5OMC K7AWB W0GJ WW1L	404 N2ZX VE4EAR		377 AB1OC NT9E WA1NLG
441 K8TB K9KLD KD3CQ	429 WA5JCI	414 K0DEQ N0GZ	403 AA1ON NH6T/W4	389 AB4SF	376 K8GI K8V FV N2WK N3OC
440 AG9S N4TL W2IRT WA1EAZ	428 K5RT K9APW N2NL	413 AE5FM WA9LFO	402 K3FM K7SMA	387 KV4T N4CH	375 K6QG WB4OQX
439 K8ZM WA9DU	427 N4LR	412 VE2XK 6M FN07	401 K4CKS	386 N7IJ NN4R W5TFW W7AH WE4S	374 KV7K N6GP N7DB
438 K9MK	426 K4ZOT K8ZR N5OK W5JAY	411 N9EAT	400 W0JRP W0RH W3UUM		373 K4SSO NY1V
437 KK4MA	425 K6ML	410 K5XI KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA	372 JA7QVI W5MO
436 N4QWZ N9FN W3TC WB8ART	424 N4UFP N9AKR W3EP WB8BPU	409 N5SYV	397 K8JH	384 K8ROK W7FI	371 WA6BYA
435 KF6A	423 AJ4A W4DR	408 W7BA	396 K6VHF KB8U	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V
434 K1SIX K8ROX KF0M	422 VE6WQ WB5JID	407 W4AS W5CIA W5PR	395 AA5XE K0AZ KF7CQ	381 AG4W W3VZ	369 KF8UN N2DPF
433 NA6MG NM5U W3LL W9WO	420 VE3LYC	406 AK3E K6FG K8EB N4UFO	394 AA5JF K2TER KT8O	380 K7MCX NE6I WA5LFD	368 K0DD KB0V W5RCI W6GMT

367 AA4ZZ KC4HW KR4BD W7Yaq	353 AF2K K0CS	N0AN N8LRG	332 AA7UN N4JDB N7KDT VA3IKE VE1JBC W9GM	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	313 K0TC N2ZZ N6NR N7UVH NF4A W4GLV W5RKN
366 KI7JA	352 KF9UG NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
365 K4JJW K7XB KG7CW W4FC WB4EVH	351 AA4FL K5DTC	338 NA5Z VE3SXE WA5KBH	330 KB8MBC KG6AY W8PI	322 AA8SW VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
364 AB5EB K0RAR N6QQ	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WB4KTF WX4G	321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX
363 W4NH	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S	328 K6ME N5PT W2CNS WB3LHD	320 N4DW	309 AA4LR
362 W1JR WA5OLT	346 W8LMG	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA WA7PDC	327 KJ5RC N0YO W2JU	319 N7US W4ER	308 WA4HFN
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	318 N3ALN W4HY	307 KE5K W3ATV W9RPM
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	325 WA2AEY	317 KA8SYV W1SKU W3HDH	306 K1ST K4QE K6RO N0LD WB0OQV WV9L
358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC W2HRO			316 K3FN KA0ABA W4UCK W9BWR	305 K3VAT K6UM (CM88) KF2T KT1J WA9M
357 K4LVV	341 KD7DCR NX7U WA7YAZ			315 K5VH NY2NY XE1AO	
355 KD5XB	340 KE4TH			314 KU4XO VE3XN	

304 K6IPF WA0GUD	KC7RW	WA4NVM	277 AC7JM NS4T PV8DX	N5EPA N5WD VA2CY	260 K6JAD N6HC NT7C W3SW XE1YD
303 EA8DBM K8TGC K8TL N7LAN	295 JG1TSG KE4P N7NT	285 K5CZD K9UO	276 K2CS K5TWJ K7TAB W9OO	268 K6OJ N9ZTS W0KAN	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA
302 KB2TGU N3KN	294 K6JSV	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	275 K1MAA K2NJ N4GG W0FK	267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA WA0FQK WB0CQO	274 KB1DMX WA8MCD XE1YY	266 K1OA K1WVX TG9AJR WB8EJN	258 K2HAT NA2NY VE3MSC WB7ECS
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	292 KJ6P W1SSN	282 AA0ZP K0CAO K0PG K5TA N8JCM W4WM	273 KM4H KV1J VE6SH	265 N5KS W7CT	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HF1/0
299 DK8NE N9JR VE6WK W1LE W5SUM W8UV WB5GVY	291 KS4S W1WHL W2CCC	281 JR1LZK K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O	
298 AG1A KD4WSC N4IQ	290 JE1BMJ WA8EFK	280 N0KV NM5Z W1FKF	271 K7NII KB7FUV KM3V W3HHN	263 AK4PR K9AAA WB7QBS	256 N8ZJN
297 KE8Y N8YQX N9LF	289 K4MM K9FA N5BCA N7RO NQ7G W4LTJ	279 AA8MA N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD KV7N N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE
296 K4XR K6YUI	288 K1NU N6AR W1DU W4HLR W7YA	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R KK0DX	261 AF2F K3TWK KB8UUZ N3EW	254 N7QOZ NR0Q VE3OTL WD5ITW

253 KG4ERR N2XQM	N3XF VA3CW	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX	N4NX NN5DX	KD4K WA2BOT	214 KB9PJL VE3SYK WA7AJ
252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C 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 W5LUA XE1GLL	220 K7BTW N7XCZ	212 AB5C JF8QNF JR3REX KF7NN N1SV N2OA
250 AA9LC K5KEW 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	225 AC9O K9QJ KX9X (EN50) N2WSY W8AKS WN6W	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	224 IT9IPQ JA8ISU NJ8J PV8AZ	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N
247 W3TEF	239 K9MQ KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	216 K7RB N0IS N6PM NE1F W4HFZ W5RWF WA2OTC	208 AI2N CO8DM KD5HIO PV8ABC
246 JA1UAV K0DAS K8YC KK8X N5TIT VE6TA (DO33) W4FRA WI7P	238 AA3GM JP1LRT MD0CCE	229 K6RG KB9RUG KD5IKG KE4UW	222 K0YY K2TV K3AJ KA1LMR	215 AL7OC K2SX KI5FJ N2YU N6KW	207 N1BCL N8NJA
245 N1IA	237 K3KO			206 AB0CT	

AK4Y	N5AO	192	KN7K	N6VH	KU0A
CT3MD	N9AG	N1LF	N0XLR	W5HI	N1MGO
K4GHS	VA3VU	N2NB	N6ZE		NA2NY (ex-NA1VT)
K9YC (EN61)	W1AW	N3CAL		179	NA6O
KB0LYL		N3NR	185	K1EP	W3SO
NA5Q	199	N4LXB	AD6W	KU4WD	WA2PNI
W0BNE	N3KFB	N4TV	KD5BQT	N0LIE	
W4EJG	W4OEP	W6MTR	KU4UC	N0MMA	173
XE1J	WBOYEA	W8FN	NA2R	NH7RO	K2ZZ
			PY5CC	VA3DPB	K5YPV
			W3OU	W8LHP	KE4SCY
			W5BPT	WA4QMQ	
205	198	191			172
AF4OD	AC8TO	K0ITC			AB9KZ
K8SD	JR2HCB	K9CS	184	178	K5ZED
KE4HOA	N0UK	KK6OH	4O3A	KA2AYR	KI4PKW
N5ITO	N7EPD	N9AMW	AF5Q	KB0EO	KJ6HI
N9ATF	NX0I	WA2BKN	K0DEW	KB1RZA	VE2PN
W8QID	W8DM	WA5CAM	KR4M	KG5RJ	W4ABC
	WA7KYM	WD4JHD	N1IBM	N1ZUK	
204			N4BG	NQ2O	
WA3DRC	197	190		VE3NRT	171
	K3EGE	K5DB		W0ZY	AA4PB
203	N4BAF	K5ER	183	W1MAD	HP2AT
K0VSV	W3TW	KC2DLD	K5RQ	W9JJ	KC5GSK
K5HYT	W5CTV	KK8MM	N0UBL	WY7FD	KC5YCH
K5LOW		N5SMQ	W2UDT		KI4TZ
N0HF	196	N9UA		177	NS3L
N8SYF	K0AIZ	W1ATV	182	AG4ZE	W1PX
W1RM	K0NR	W2OO	AJ6T CM87	K2QQ	WA2KBZ
W3SZ	N5DUW	WB0DBS	FP/KV1J	KI4BWW	
W9GFB	W2AMR		K5GMX	SM7FJE	170
W9VOB	XE2ED	189	K8WK	W5ZG	K9TVG
WA1KPD	XE2W	KC0MEA	NZ1I	WA8UEG	N4GBK
		WA5VKS	XE1CL		N8CN
202	195				NA2U
K1BZ	AA4W	188	181	176	W1MJC
K5GJR	JA7MSQ	AD7KI	AB9FN	AD5ZA	W4IHI
WC7X	K2WJ	KD4HLG	K4CMS	EA5BY	W4JKC
WF8Z	K6VDP	W4AZR	K5HDE	K0DI	WK3V
WQ5W	KG6WIK	WA7VHF	KB8YKR	KX9X	
		WU9Q	N3XJX	N5QGH	
201	194	WX9M	N4DTF	NP4BM	169
AA7WB	K2MRK		N9MSG	W5AFD	K6XC
KC5FP	K3EA	187	NY0A	WA5IPS	KD5OMJ
KO9V	N3FA	AA8R	W4RBO	WW2R	N2BEG
KR0I	N9NFT	KD3HN	W9BS		N5XES
NN0K	WF1H	KQ0J	WJ1B	175	N7PHY
NR2C	WK8A			PV8BR	NY4I
WA1MKE		186	180		VE3HHT
WA9ASZ	193	DJ5FI	K0OST	174	W8KNO
	K7PT	K6ZZ	K4LYN	K3MD	
200	K9AB	K8PT	KC1MMC	K6WRL	168
4A2MAX		K9SG	N1RK	KC6ZWT	KG5ZMQ
K4YJ		KN4PPD	N6PEQ	KG7P	W2PD

W8WEJ	161 K4EA KB3CWQ N2YBB V44KAI VE3LC W4HOG	KB9VMW KD2NF W3ZQN	W6VNI (CM88) 142 WB6RAB N2ZA N5RMS NA2X NC4VA PV8AJ W5SWV WA5TKU WS4V	JA6RJK KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	160 AB1QB JA1AFR K5IQ	153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N6DHZ W3DQS W5FI W9ILY WB5ZAM	147 AF6AV IZ1LBG K6PSP KC1BUF VE3CX W4YCC W5WOX WA0VPJ WA3YGQ	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	136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS
165 K4DXT KD5HPT N1JFU W0RIC	158 I0WTD K8CR KI0D N2CG		145 KD7YZ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF K1UO K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VE3KY W4TUN W6DQ WA4KXY
164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F	157 K4FX KB8GC KC2WUF WA7NB	151 KO0Z OE6IMD W1ZT W2DXE	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI	135 CU3EQ K4MWB K8ZIZ LY3W N4DB N8XE W6BXQ WB8BZK WW2DX XE1H
163 K2JF K2YSY N3FX N5XZ	156 K2KJ K9OHI N3RN N9KO VE7VDX	150 N9LAH VE3OAT W7APM		134 AB1NS AB4GE C6ABB GM4UYE KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR
162 AF4GK K0QB KA1R KD4TDI N5SIX W9JJB W9VS WA1Z WB0WAO	155 AE4M CT1BWU K3TD K6XN N7AU N9OBE TG9ANF VA3NQ WV8DX	149 AB6CF K4SAN KK9H W3UA WB4VHF	143 K0KVR K6JBH K9QFR KB8RJS N8URE (FM19) NA1VT W0HNM W0UHL WB0MMC WM5H	133 KA5ETS KC1RET KE1VT
	154 AE4NT	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N5ZBI		

KM8V	128	W0PE	KD5BRF	XE2PXN	WD0ENC
W0RT	JR2LJO	W1TAM	KE4SCY (FM06)		
W4GE	KC7QAG	W6SCQ	N3YPJ	116	112
WI5D	KJ6SDF	W7YM	VE1JC	IK7EOT	K2MLS
WW7Q	KN4DMN	W9CDL	VE3XK	K4RGN	K3GD
XE2O	N1SFE		WA6RAY	KI6QDH	K5WTA
	W0WT	123	WD4OHD	KU5B	KA7T
132	W5ZO	AC7AF		N0VR	N5HMH
AB3CV	W8FR	K9SM	119	NO0B	W1TR
IC8TEM	WB2WEO	KB0GT	AE5AU	W0DHB	W5DQ
K5VG		KB0STN	K0AWU		W6OAT
KW4G	127	KG6DHQ	K1ZN	115	W7IV
N4PPH	AA9RK	VE3TG	K2SQS	K9MMS	W9PN
N7TP	K3GYK	W1HS	K4MSG	KE6TVM	WA8TWM
N8IK	K7UV	W3SE	K7JIZ	KF0QS	WG3K
NE1I	K8AC	W4PRZ	KF7PCL	KF9AF	WX3P
VE3TM	K8OS	W5EWF	KP3V	KM5FA	XE1GK
WN6K	KB3OZC	W7MHW	KT0P	N7VGO	
	KB9TLV	W8BI	KW7N	UW5ZM	111
131	KC0RQH	W8KHP	N4UPX	VK9DX	N0SLT
JR1BAS	N6UTC	WA8WV	W0QC	WA3BZT	PC3T
K3NAT	NO8D	WB2RVX	W4SW	WC7V	W8GBH
KG9R	VE2JWH		W5DM		WZ8P
N2CJ	W1FLD	122	W7QQ	114	
	WA6BIL	K7AED	WI4T	AC8HU	110
130		K7OGW	WM9M	K2RET	EA4DEI
AB0X	126	KA9JAC		K3RTU	K5KR
JA3LZS	KJ7G	KB4UF	118	K9AAN	K7LD
K0GUR	N0BDS	KB5WFE	J68AS	KC4GCK	KD5J
K4JKB	N7DGI	KC5UGX	K4AZV	KG9Z	KI0F
K8LG	WB4HUC	N5HYV	KA4LBD	NF8M	KP4JRS
KC4NX	YL2AO	VE6PY	KF6MXK	VE1WOW	KQ4LA
NG9R		VE7JAC	KI7BP	VE3IRR	KX5U
VE1DX	125	WD0GTy	KT8X	W2JLK	N5TIF
VE2TZT	AA7DK		KW4BY	W2ZQ	N5YM
W0PHX	K3PU	121	N1QDQ	W4ALF	W7JET
W2LES	KC5DRI	AE1P	N3JNX	W4UFO	W7UP
W3FEY	W2AJM	K0MFI	N5EIL	WO2C	
WA2SEI	W3UQH	K4HBI	TF3JB	WX4US	109
WB4YDL	W4DFU	KB2WAL	W2AC / WB2ABK		AK6ZZ
WW5W	WA6POZ	KB5MH	W2AC/WB2ABK	113	G4BWP
	WB4OMM	KE4JFS	WB2KSK	AB4PM	IW1ARB
129	WE1P	NE0P/9		AD5MD	K2DSW
8P6ET		UR0MC	117	K3DQB	K2JGL
JF4VZT	124	W8DN	AB5J	KD4BPZ	K2OO
K0KD	K0DLW	WB9TFH	K4WS	KD6VCD	K5DNL
K5QWO	KB0HH (EM06)		N4USG	KM5OL	K9GY
KC8KSK	KD5FTD	120	N5JEH*	N3JDQ	KE6GLA
KF4NEF	KM1C	EA1YO	N5LPT	N4YCI	KJ6CA
KM5LY	KT5MR	K2CYE	NA7L	N5YK	KZ7N
KM5SC	N0SL	K4CGY	NU6V	W0BM	N8TMW
N9WBR	N9AZZ	KD0R	W6WE	W8MSP	N9TTX
	PV8AAS	KD4MZM	WA1TBV	W8VW	VE3AAQ

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
KK2DOG	NJ1H	VE7ZD	KD3SW	W2HOG	K0YQ
N0RQ	VE2PIJ	W4RVZ	KE5CVM	W2VU	K3HZO (FN20)
N1USB	W1TE	W5DPT	KF0Q	W5JLC	K4GTR
N2IPH	W1ZE	W5OV	KG5X	W6TJU	K4JQU
N4CE	W4KVS	W7UT	KJ5OA	WA1LAD	K8XF

KA2BSK	N0WVU	W7JWC	VE3RX	W2VTV	K1UR
KA7EII	N2LID	W9SX	VE5MX	W3ZGD	K4SPA
KC0YBM	N2VHZ	WA2ONK	VE7AB	W4GPM	K6YK
KD5CKP	N2XK	WA3I	W2GR	W4VG	K7HPN
KF4KSN	N8PAQ	WA4WR	W3IPA	W5DMT	K8OI
KM4NYI	N8YBY	WB2SIH	W3TA	W5DWA	KB2YWU
KT5WB	NT2A	WD8DOT	W4LNG	W7EIR	KB3IAI
N1VMJ	NW5Q	WS4S	W5ODD	W7TRX	KB3NDS
N3UMA	NY2Z	XE2AT	W5PUF	W9IFW	KB7AZ
N4BH	VE2DCP		W7NX	W9NED	KC5POV
N6MA	W1HMM	94	WA7LHZ	W9WI	KC8LGL
N9APK	W3VHF	AA4RP	WA9BXB	WA5ICA	KE1IU
N9IO	W4KK	AB4VT	WT9U	WB5CON	KE7RTB
N9KY	W4TMR	AD1DX	WV7S		KG4QWC
NK7C	W7JHS	AK8CW		92	KI3O
NU0Y	WA3EEC	HK4SAN	93	K1EY	KI5BLU
VA3FIN	WB0M	IK8YTA	AG2A	K5GDX	KM7N
W3QT	WB5KJE	K0ARM	AG6CV	K5TDA	KM9I
W4CWA	WP4LNY	K3BEE	A18F	K7FU	KQ6K
W4DAS		K3TUF	K0IW	K7HKR	N3PPH
W4ID	95	K4JRK	K1PTF	K7UWR	N3WCM
W7DN	AB9AI	K4LDC	K1ZK	KB0PQP	N6DW
WA6OSX	AE0G	K4NNX	K2AK	KC4JNW	N7CZ
WA9LEY	AE5EO	K8GT	K2MTS	KD4QMY	N8DEZ
WB8RVK	K1PNQ	K9DOG	K4DAM	KE4WBO	NR4J
WB8ZTV	K4ED	K9SUL	K5TRI	KG4URP	NU4N
WB9PNU	K8KFJ	KA2F	K6RM	KR7X	OE9KFV
WE8L	K8ME	KA9UVY	K7IP	N2SG	VA2BBW
	K8VD	KB7AK	K7TRK	N3GH	W2SUB
96	KD7WH	KC0AUJ	KB0USF	N4VN	W4MLN
AD5OW	KD8DR	KC3AK	KC5TGT	N5QO	W5KDA
AE4TQ	KD9ZR	KD4VRZ	KC5TT	N6FD	WB0NRV
AK4F	KF6XA	KE3WM	KC9TTR	N6RPM	WB7X
HB9EFK	KI0SK	KF0LA	KC9UL	N7DED	WC4V
K2CK	KW9U	KG4NLZ	KD0QG	NS6E	XE1GZU
K2UF	N1XK	KU4JZ	KE6AZX	UT5JAJ	
K2UNK	N2SLO	KV3W	KE6UMW	W1PV	90
K4EQH	N2WLS	N0LNE	KE8RPJ	W2ACY	AA0LM
K5CRJ	N3WAV	N0LP	KI0J	W2CVW	AB4WL
K8EMR	N4ET	N1TOR	KK7MNC	W3ACO	AB9DU
K9OT	N5BLY	N2SU	N2BX	W3HZU	AF5BG
KA2NDX	N5ENU	N3JBH	N2YTF	W4BP	DL1SMA
KA3HED	N5KI	N3XBG	N3AO	W4LIA	JH4JNG
KB5GI	N9IV	N3YUG	N3ZBK	W6NS	K1HC
KB8PNS	N9LJX	N5ZMP	N4GOA	W8JV	K1KA
KC0HBP	VA3KS	N6HY	N4YHC	WA3JKB	K3CWF
KD6PY	VA3PZ	N6MXU	N7EGY	WA4EEZ	K3UAL
KI5TE	VE3KZ	N7NH	N7JI	WM3O	K4AAP
KM2O	VE3SPW	N7UN	N7KSI		K4FTP
KM5NU	W4YZJ	N8WWM	NA9D	91	K4XZ
KR4EE	W5ADA	N9DD	VA7QI	AA0CW	K8EAB
KS4V	W5CBF	N9UNX	VE3WMD	AD3Y	KA5TJI
KT5RR	W5RCQ	VA3MA	W0MHK	CO2WZ	KB5FHK

KB7BSA	WQ5C	K6UIP	W4IT	W5DAS	K6MAA
KK4DZP	WR5AY	KB1VUN	W4RA	W7YOZ	KI4CYB
KW3DX	XE2NL	KC8NAH	W6ST	W8GG	KI7WXP
N2ULL	XE3DX	KE6WOX	W7SIR	WA2ONG	N1GNB
N4BRF		KI6RRD	W8DQ		N2MH/4
N5BA	88	N0ELA	W9QY	81	
N9JJ	AA4QE	N2CJN	WA4WKL	AB4I	75
VA3XOV	AE0DX	NA5DX	WD4LSS	DF3CB	G4RGK
W9CPV	AE4OF	NE5S	WF4R	KE4DZU	K3PP
W9CSY	AF4MI	NI5F		N6MM	K6VHF/HR9
W9HBH	K1RS	NN7RM	84	N7NEV	K8QM
WA2BEV	K3TN	W8GOC	CT3FT	NI4Y	N5GH
WA8OJR	K4XD	WB3IGR	K4EZY	W3MC	NP3YL
WD9HCF	K7CTV	WB8JAY	KE6NDG	WA4ZXV	W4LVH
WE7H	K7WV	WF4W	N1KI	WA8ZNC	W5UC
WEST SEATTLE	K7ATV	XE1RBV	N2NWS	XE1EE	WP4NEG
WH6LE	K9JF		VE2WBK		ZL3AAU
WT4C	KB2KIR	86	W8PU	80	
XE3/K5ENS	KC1GWX	AG1T	W8SGR	AC6BW	74
	KC3MLC	K7FB	ZS6NK	K7FR	AK8B
	KE8UM	KA9OKH		KE4PT	CX4AAJ
89	KI2D	KB7JJG	83	KR4Q	KF2TI
AB1TZ	KI4RFM	KI6HQT	AA6E	KW1DX	LU4FPZ
AG2AA	KJ4KW	KN4MMH	AC9GK	N2NS	VE6SO
AG7NR	N0OK	KP4TB	DL5XJ	VY2HF	VK4CZ
G4NBS	N1CEO	KT1R	K1LH	W5TTY	WC6DX
JQ1TIV	N2MKT	N2NF	K4SQC	W6TCP	
K4BMM	N2ZN	N3MVF	K6JJ	W7AM	73
K5CX	N4CAG	N8TFD	K8SIA		G4FKA
K5JAZ	N4GN	NZ3O	KB3HHA	79	JF1IRW
KA0MWA	N4KIN	VA3MDB	KB9LIE	K4RW	SV1RK
KF4TVL	N4UC	VA7LM	KC1UYZ	K5JBT	VP2MJD
KI0G	N5VBK	VE7IRU	KK7BV	KB4DSL	W4WT
KI4FW	NS3X	W8IW	KU4WW	KP4N	
KI4US	NT4TN	WA1PMA	N6KTH	N2COP	72
KR4U	VE2VLJ	WB4GCS	SV2AEL	N5YJZ	N4II
KT3X	W2BZR	XE2AU	TG9AKH	N9RC	PV8ADI
N2GZ	W3YX	85	W7USB	VE3CFK	
N5KAE	W4DL	EI3IO	WD6T	W2GW	71
N8YSZ	W4RXR	K1UU	WD9IOK	W2SKI	K0GW
N9RG	W7HDD	K4LRP	WI6Z	WN0L	K4GK
N9UDX	WA2BTR	KB3MXK	XE1MM		K5WPN
NE2U	WA5MD	KC0V		78	NP4TT
VE3VCF	WK3N	KE4DRF	82	K2QPN	W2YR
W0HRO	WV8O	KK4AND	AD4IE	TG9AWS	W3FGP
W1HY	XE1SOV	N2RJ	CB0ZA	W4NE	WC5M
W2JEK		N4LS	K3RJK		
W2OK	87	NJ1Q	K4JMX	77	70
W4ZMM	AC0A	VE3GFN	KA5WSS	K1IFJ	GI4SJQ
W6VNQ	AG4I	VE7DAY	KC5YKX	MI0AYR	K4BNC
W9HT	K4JC	W1WV	KG4KVZ		KC0ZRX
WA7SDI	K5UZ	W3STU	N1SF	76	N6GEO
WB3IAL	K5WO		PU8TEP	K0WYN	W2QO
WM6Y					

W4GP	60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	UR5WA	F4BDG KS4YX ON6AB PA7TWO	15 9K2BM EI2GLB HB9HIT LU5FF PY2RN SV8CKM UT3UA WC2C
69 K3WGR W1YM WD4LBR	58 HB9BIN KC6NBI SV8CS WA2MUA	46 LU2DX	34 G4SEU LA2QM	23 GM4ILS HB9G K4SLC KP4EIT W8MK	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
68 AA4S EH7CD K6CF KJ7TEA KW4OV	57 IK1ZOF JL1UXH N5LJL WD5GRW	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH OE3SGU	13 JE2UFF K4WY PY2MC W4PWF
67 JG2TSL W7YED	56 KI5WA LU8ADX NI6T	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB
66 K6KLY KK4YEL	55 JL3MCM LA3MHA WA2EMF	43 8P6SH CT1EEN HB9RUZ K4ZIN	31 K7TM	20 CX1FK HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	41 N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	
64 K3BQ WD5GRW (EM1300B)	53 K0BBC PP1CZ	40 E75AA JF1LMB JR0QFA OH4UI WB8TGY	29 HL2WA OE4VIE SP5APW	18 AJ6V HL4GAV KJ4EU W0HBH	
63 EA1DR KB0RFY	51 CT1ETE N8OFS VE9FCP	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	17 G3LZQ PY2XAT W0JM	
62 HB9ALO HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	50 N8MR	38 DD3KF DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX	16 N6VHF TI2CDA	
61 CU3AN K4MLB N0GVK US5WE UX1UA	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA YY4DNN	37 BA7NQ HA5PT JA9APS JH9DRL	26 DS4AOW WB7QXU	25 EA4/K1WE	
		36 JA1WSK	24 EI2JD F1RAF		
		35 GI4OWA LU9DO			

PA5KT	M1VPN	2	IZ0BTV
SV2DCD	MU0GSY	5B4ALJ	IZ2CSX
TF3Y	OK1IN	6K5XZE	IZ3DBA
UR7DWW	ON5UE	9A2GA	IZ5FSA
9	PP2RON	9K2NO	JA1GZK
DL7BA	SK6QA	BV6CC	JA7DPC
EB1EWE	VE2NGH	CO6CBF	JA7VXB
EC7ZK	VR2XMT	DF8FT	JH8XVT
G6BFP	W1ZR	DK1CO	JI1HNC
IK3ITB	W2ZF	EH4BPJ	JJ1PFC
JA1MZL	YL2CZ	ES8JX	JL2ULM
JA2FGL	4	F5TMJ	JN3ONX
JE1LFX	CT7/RC2A	G0THY	KC3KJQ
KD3UY	EK/RX3DPK	G4DDL	KG4JSZ
S51NM	F1DFR	G8GNI	KH6WI
8	GM4KHE	GI4ONL	KP4DER
DK2LO	IV3GOW	IK1IYU	MM0INH
JA1CPU	JG1JPE	IK2GOQ	OK1UU
JE3PCP	JH7IMX	IZ8XQC	ON6NA
JJ2NWI	JH7IPR	JA6AVT	OZ1IKY
N8RO	JK6DXD	JA6SZV	PU5SVE
OH8LXT	UT5EL	JA9FAI	SM3GBA
7	VK4ZP	JH3MHI	SM6LPG
DH0GSU	XE1SAX	JP1HDK	SQ5NRY
G8APB	3	K4KZM	UN8G
HB9GWJ	DF1ZN	K7LY	UR5EDX
IZ0INX	DJ5AV	KEN IN NEBRASKA	VA2VGM
JA2NDQ	DL2KQ	LA2CQ	WB7VUF
LA3DV	EA1AR	OH3KAV	YO8WW
N5ORT	EA4D	SV1XV	
NJ4Y	EA4D	SV3FUO	
UR5FEO	G3LHJ	YB2DX	
ZS4TX	GM4CFS	YL2KF	
6	HA9PP	1	
CT2FEY	HL2ZN	3A2MW	
DL1TRK	IK0WRB	9A2EY	
DU0A	IK8EPC	BD4UJ	
EI2JC	IW3GJF	CT1AHU	
JA7NGE	JI1CHH	DH8BQA	
PY2VA	JM1GHT	DJ3ZF	
5	JN1BPM	DL2DCX	
DL5LH	JR6IQI	DL4ZAB	
EA1AAA	KC0Y	DS5TOS	
EA7ZY	PY5IP	EA3WD	
IK8GYS	SA7CJO	EA4GQS	
JI5USJ	SV1VN	F1VEV	
JJ1IDW	W1CBY	G4VSS	
KB8VAO	WD9EWK (DM43)	G6MXL	
	YB1TJ	G7SQS	
	YL2CA	G8TTI	
	YL2MU	IK5BSC	
		IW0AFS	