

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 (30 Aug 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	WB9CIF	KB9DAK
AA0MZ	W3CP		K0BJ	WX7M	W5XC
AA5AM	W4UDH	485	KC7V		
AA5C	W5ADD	K0TPP	NC6K	464	452
AA7A	W5AFY	K9MU	W9RN	KB9OWD	N5BO
AI5I	W5AJ	N0POH			N9BX
K0GU	W5EME	W5VY	476	463	NE1B
K1TOL	W5FF		KC7QY	K4MY	
K4PI	W5KI	484		VE3EK	451
K4XO	W5OZI	AD6D	475		K5WBM
K5RK	W7GJ	K7BG	N4WW	462	
K5UR	W7JW	KM0T	N5KO	K6ZH	450
K5WE	W7KNT	W5ZN		N6ORB	AJ4F
K7CW	W7MEM		474	NY0V	W5THT
K7ULS	W9FF	483	W6XK		
K8SIX	W9JN	AC0RA		461	449
K9CT	W9RM	K1USA	473	N4JQQ	KF6HI
KA9CFD	W9XX	W0VTT	N4TB	NA9RB	W8TN
KA9FOX	WD5K	W5TRL	NQ7R		
KD5M	WQ5S		WB0O	460	448
KG5CCI	WS9V	482		K4SO	W3LPL
KM0A		KX4R	472		
KO9A	487		AI1K	459	447
KR7O	K0SIX	481	KB7ME	N5NA	AH0U
KV5W	K1TO	W9VHF	N7ZO	XE2K	K4HB
N0LL	K7MAC	WA7HQD	WD8JJA		KS7S
N0LWF	K7TM			458	N4SC
N0PB	K9YY	480	471	K9NW	
N0TB	N0AKC	K5GZR	ND4X	KG5THG	446
N1AV	N7CW	WB0ULX		N9BCA	K1HTV
N3SL	N7IR	XE2OR	470		K6EID
N3XX	N9ISN		WO7R	457	NV4B
N5DG	NA6L	479		NI0G	WB7CJO
N5OMG	W3IP	N5WS	467	W3UR	
N6JV		W5WVO	AD1C		445
N7NW	486		N5EKO	456	K3SX
N9LB	K5ND	478	WE9R	N4QS	K4XP
N9UM	KY7M	AE5B		N9PGG	K7PI
ND0B	N0KE	AF5CC	466		KU7Z
W0FY	N7KA		KA0JGH	453	N8OC
W0JW	WD5COV		KB6NAN	K4YMQ	

444 N7BAV W4DR	432 K6GXO N6KK	417 NJ6D	405 AA4SC K3FRK K5CKS NE9U W0MU	391 AD5A N1EVK W4AVY	378 AB9BH WR7X
443 AB4IQ N4MM XE2X	431 K0TLM	416 K4RWP K7ND KO4MA		389 K8JH	377 NT9E
442 KP4AJ N2QT WB8ZBT	430 K1TEO KF8MY N5TJ	415 K5OMC K7AWB W0GJ	404 N2ZX VE4EAR	388 K0IP W4WRL	376 AA5JF K8GI K8VFX N2WK N3OC
441 K8TB K9KLD KD3CQ	429 WA5JCI	414 K0DEQ K7KQA N0GZ WW1L	403 AA1ON NH6T/W4	387 KV4T N4CH	375 K6QG WB4OQX
440 AG9S N4TL W2IRT WA1EAZ	428 K5RT K9APW N2NL	413 AE5FM WA9LFO	402 K3FM	386 N7IJ NN4R W5TFW W7AH WE4S	374 AB1OC KV7K N6GP N7DB
439 K8ZM WA9DU	427 N4LR	412 VE2XK 6M FN07W	401 K4CKS	385 NK1K VE6MB W4WTA	373 K4SSO
438 K9MK	426 K4ZOT K8ZR N5OK W5JAY	411 N9EAT	398 K7SMA N8IEZ W1NG	384 AB4SF K1GG K8ROK W7FI	372 JA7QVI NY1V W5MO
437 KK4MA	425 K6ML	410 K5XI KE7SW KE8KMX KI8G N4HN	396 K6VHF KB8U	382 K5PI VE3YXO	371 WA6BYA
436 N4QWZ N9FN W3TC WB8ART	424 N4UFP N9AKR W3EP	409 N5SYV	395 AA5XE K0AZ KF7CQ	381 AG4W W3VZ	370 K5TN KN4SM KS4YT N3MK NT0V
435 KF6A	423 AJ4A WB8BPU	408 W7BA	394 K2TER KT8O	380 K7MCX NE6I WA5LFD	369 KF8UN N2DPF
434 K1SIX K8ROX KF0M	422 VE6WQ WB5JID	407 W4AS W5CIA W5PR	393 K7XC W4TV	379 KI0E KZ2I N8WNA W6TMD	368 K0DD KB0V W5RCI W6GMT
433 NA6MG NM5U W3LL	419 K7NN W0GN	406 AK3E K6FG K8EB	392 AF4HX W6OMF		

367 AA4ZZ KC4HW KR4BD W7YAAQ	353 AF2K K0CS	N8LRG	N4JDB N7KDT VA3IKE VE1JBC W9GM	K9SH KU4A N2BJ VE3TMG W4MAY	N2ZZ N6NR N7UVH NF4A W4GLV W5RKN WA1NLG
366 KI7JA	352 NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS	331 K1GJQ K8WDA KC0UDO N4MW	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
365 K4JJW K7XB KG7CW W4FC WB4EVH	351 AA4FL K5DTC	338 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 WX4G	321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX
363 W4NH	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S		320 K0VG N4DW	
362 W1JR WA5OLT	346 W8LMG			319 N7US W4ER	309 AA4LR
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH	335 AK0MR K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD	318 N3ALN W4HY	307 KE5K NA5Z W3ATV W9RPM
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW		327 KF9UG KJ5RC N0YO W2JU	317 KA8SYV W1SKU W3HDH	306 K4QE K6RO N0LD WB0OQV WV9L XE1AO
358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC W2HRO	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	326 K2ZD K6LMN K6TDI NG7M W7JLC WF7T	316 K3FN KA0ABA W4UCK W9BWR	
357 K4LVV	341 KD7DCR NX7U WA7YAZ	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	325 WA2AEY WB4KTF	315 K5VH NY2NY	305 K3VAT K6UM (CM88) KF2T KT1J WA9M
355 KD5XB	340 KE4TH N0AN	332 AA7UN	324 HC2FG	314 KU4XO VE3XN	304 K6IPF WA0GUD
				313 K0TC	

303 EA8DBM K1ST K8TGC K8TL N7LAN	295 JG1TSG KE4P N7NT	K9UO WA4HFN	NS4T PV8DX	VA2CY	N6HC NT7C W3SW XE1YD
	294 K6JSV	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	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA N7RO WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK	267 K0CAO KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	
301 N0HJZ W7IB W9OBG WA8ZID WB0TVY		282 AA0ZP K0PG K5TA N8JCM W4WM	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		273 KM4H KV1J VE6SH		257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O
	291 KS4S W1WHL W2CCC	281 K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV	265 N5KS W7CT	
299 N9JR VE6WK W1LE W5SUM W8UV WB5GVY	290 JE1BMJ WA8EFK	280 N0KV NM5Z W1FKF	271 K7NII KB7FUV KM3V W3HHN	264 AC8L K4JAF N0TK NF1O	256 N8ZJN W9TA
	289 K4MM K9FA N5BCA NQ7G W4LTJ	279 AA8MA N3JPU W0VHF (EL87) W8GJ WA4NVM XE1FAS	270 K4SPD KC9FQD KV7N N2LIV W4QK W5DNT W7JY WZ9B	263 AK4PR K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE
298 AG1A KD4WSC N4IQ	288 K1NU N6AR W1DU W4HLR W7YA	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N		262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	
297 DK8NE KE8Y N8YQX N9LF	287 K8DP KC7MRQ N8CGY		269 K2IE K3ZO KD5R KK0DX N5EPA N5WD	261 AF2F K3TWK KB8UUZ N3EW	254 N7QOZ VE3OTL WD5ITW
296 K4XR K6YUI KC7RW	285 K5CZD	277 AC7JM JR1LZK		260 K6JAD	253 KG4ERR N2XQM

252 AB5A CT1EEB F4BKV K1ACL K3NK NN4RR VE6NTT	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
251 AD5JK HC1BI K1NJ KG7NV NN4SS	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
250 AA9LC K5KEW KL0S NW6R	242 K3WW KA3TCC	233 K1AFC N3AIU (DM45) N9NJS VE7VZ W3DF W8PAT W9TD XE1L	226 AF5WN GD0TEP JM1SZY N7CNH N8UR NM5S W0VX W8RD WQ6Q	W6DPD W7ZSL WB2WIH (FN20)	212 AB5C JF8QNF KF7NN N2OA
249 CT1IUA K7LOL K8AO KQ5U N1GC W2LV	241 N6NU W5LO	232 K5FO N0FJP N9NJY	225 AC9O K9QJ KX9X (EN50) N2WSY W8AKS WN6W	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 JR3REX K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP
248 K1ZZ W6VFA	240 AB5GU KG5EIU KI0HA KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 K4MIJ K5VR K6HEW KF6GYM W9XT	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C	217 ND4V W4DEE	210 K3MSB K9YC KL7NO N1SV N1TQ N6UK WQ9T
247 W3TEF	239 KF4LVF W6RW W9YOY/M WA3SEE WB1FLD	230 K1ZE KO4MM VA3XJ WB0WAO/8	224 IT9IPQ JA8ISU K9MQ NJ8J	216 K7RB N0IS N6PM NE1F W4HFZ W5RWF WA2OTC	209 AA4IB W5WGF WA4NFO XE2N
246 JA1UAV K0DAS K8YC KK8X N5TIT VE6TA (DO33) W4FRA WI7P	238 AA3GM AE4WG JP1LRT MD0CCE	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX	223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N5PA N6KW	208 AI2N CO8DM KD5HIO PV8ABC
245 N1IA N3XF VA3CW	237 K3KO	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9PJL PV8AZ	207 N1BCL N8NJA	206 AB0CT AK4Y CT3MD

6

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	KJ6SDF	W1TAM	N3YPJ	116	112
WW7Q	KN4DMN	W7YM	VE1JC	IK7EOT	K2MLS
XE2O	N1SFE	W9CDL	VE3XK	K4RGN	K3GD
132	W0WT	123	WA6RAY	KI6QDH	K5WTA
AB3CV	W5ZO	AC7AF	WD4OHD	KU5B	KA7T
IC8TEM	W8FR	K9SM	119	N0VR	N5HMH
K5VG	WB2WEO	KB0GT	AE5AU	NO0B	W1TR
KW4G	127	KB0STN	K0AWU	W0DHB	W5DQ
N4PPH	AA9RK	KG6DHQ	K1ZN	115	W6OAT
N7TP	JR2LJO	VE3TG	K2SQS	K9MMS	W7IV
N8IK	K3GYK	W1HS	K4MSG	KE6TVM	W9PN
NE1I	K7UV	W3SE	K7JIZ	KF0QS	WA8TWM
VE3TM	K8AC	W4PRZ	KF7PCL	KF9AF	WG3K
WN6K	K8OS	W5EWF	KP3V	KM5FA	WX3P
131	KB3OZC	W7MHW	KT0P	N7VGO	XE1GK
K3NAT	KB9TLV	W8BI	KW7N	UW5ZM	111
KG9R	KC0RQH	W8KHP	N4UPX	VK9DX	N0SLT
N2CJ	N6UTC	WA8WV	W0QC	WA3BZT	PC3T
130	NO8D	WB2RVX	W4SW	WC7V	W8GBH
AB0X	VE2JWH	122	W5DM	114	WZ8P
AK8CW	W1FLD	K7AED	W7QQ	AC8HU	110
JA3LZS	WA6BIL	K7OGW	WI4T	K2RET	EA4DEI
JR1BAS	126	KA9JAC	WM9M	K3RTU	K5KR
K0GUR	KJ7G	KB4UF	118	K9AAN	K7LD
K4JKB	N0BDS	KB5WFE	J68AS	KC4GCK	KD5J
K8LG	N7DGI	KC5UGX	K4AZV	KG9Z	KI0F
KC4NX	WB4HUC	N5HYV	KA4LBD	NF8M	KP4JRS
NG9R	YL2AO	VE6PY	KF6MXK	VE1WOW	KQ4LA
VE1DX	125	VE7JAC	KI7BP	VE3IRR	KX5U
VE2TZT	AA7DK	WD0GTY	KT8X	W2JLK	N5TIF
W0PHX	K3PU	121	KW4BY	W2ZQ	N5YM
W2LES	KC5DRI	AE1P	N1QDQ	W4ALF	W7JET
W3FEY	W2AJM	K0MFI	N3JNX	W4UFO	W7UP
WA2SEI	W3UQH	K4HBI	N5EIL	WO2C	109
WB4YDL	W4DFU	KB2WAL	TF3JB	WX4US	AK6ZZ
WW5W	W4DFU	KB5MH	W2AC / WB2ABK	113	G4BWP
129	WA6POZ	KE4JFS	W2AC/WB2ABK	AB4PM	IW1ARB
8P6ET	WB4OMM	NE0P/9	WB2KSK	AD5MD	K2DSW
JF4VZT	WE1P	UR0MC	117	K3DQB	K2JGL
K0KD	124	W8DN	AB5J	KD4BPZ	K2OO
K5QWO	K0DLW	WB9TFH	K4WS	KD6VCD	K5DNL
KC8KSK	K8VA	120	N4USG	KM5OL	K9GY
KF4NEF	KB0HH (EM06)	EA1YO	N5JEH*	N3JDQ	KE6GLA
KM5LY	KD5FTD	K2CYE	N5LPT	N4YCI	KJ6CA
KM5SC	KM1C	K4CGY	NA7L	N5YK	KZ7N
N9WBR	KT5MR	KD0R	NU6V	W0BM	N8TMW
128	N0SL	KD4MZM	W6WE	W8MSP	N9TTX
KC7QAG	N9AZZ	KD5BRF	WA1TBV	W8VW	VE3AAQ
	PV8AAS	KE4SCY (FM06)	XE2PXN	WD0ENC	W0YJT
	W0PE				W1OP

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	N2VHZ	W9SX	VE7AB	W4VG	K7HPN
KD5CKP	N2XK	WA2ONK	W2GR	W5DMT	K8OI
KF4KSN	N8PAQ	WA3I	W3IPA	W5DWA	KB2YWU
KM4NYI	N8YBY	WA4WR	W3TA	W7EIR	KB3IAI
KT5WB	NT2A	WB2SIH	W4LNG	W7TRX	KB3NDS
N1VMJ	NW5Q	WD8DOT	W5ODD	W9IFW	KB7AZ
N3UMA	NY2Z	WS4S	W5PUF	W9NED	KC5POV
N4BH	VE2DCP	XE2AT	WA7LHZ	W9WI	KC8LGL
N5OTY	W1HMM		WA9BXB	WA5ICA	KE1IU
N6MA	W3VHF	94	WT9U	WB5CON	KE7RTB
N9APK	W4KK	AA4RP	WV7S		KG4QWC
N9IO	W4TMR	AB4VT		92	KI3O
N9KY	W7JHS	AD1DX	93	K1EY	KI5BLU
NK7C	W8DM	HK4SAN	AG2A	K5GDX	KM7N
NU0Y	WA3EEC	IK8YTA	AG6CV	K5TDA	KM9I
VA3FIN	WB0M	K0ARM	AI8F	K7FU	KQ6K
W3QT	WB5KJE	K3BEE	K0IW	K7HKR	N3PPH
W4CWA	WP4LNY	K3TUF	K1PTF	K7UWR	N3WCM
W4DAS		K4JRK	K1ZK	KB0PQP	N7CZ
W4ID	95	K4LDC	K2AK	KC4JNW	N8DEZ
W7DN	AB9AI	K4NNX	K2MTS	KD4QMY	NR4J
WA6OSX	AE0G	K8GT	K4DAM	KE4WBO	NU4N
WA9LEY	AE5EO	K9DOG	K5TRI	KG4URP	OE9KFV
WB8RVK	K1PNQ	K9SUL	K6RM	KR7X	VA2BBW
WB8ZTV	K4ED	KA2F	K7IP	N2SG	W2SUB
WB9PNU	K8KFJ	KA9UVY	K7TRK	N3GH	W4MLN
WE8L	K8ME	KB7AK	KB0USF	N4VN	W5KDA
	K8VD	KC0AUY	KC5TGT	N5QO	WB0NRV
96	KD7WH	KC3AK	KC5TT	N6FD	WB7X
AD5OW	KD8DR	KD4VRZ	KC9TTR	N6RPM	WC4V
AE4TQ	KD9ZR	KE3WM	KC9UL	N7DED	XE1GZU
AK4F	KF6XA	KF0LA	KD0QG	NS6E	
HB9EFK	KI0SK	KG4NLZ	KE6AZX	UT5JAJ	90
K2CK	KW9U	KU4JZ	KE6UMW	W1PV	AA0LM
K2UF	N1XK	KV3W	KE8RPJ	W2ACY	AB4WL
K2UNK	N2SLO	N0LNE	KI0J	W2CVW	AB9DU
K4EQH	N2WLS	N0LP	KK7MNC	W3ACO	AF5BG
K5CRJ	N3WAV	N1TOR	N2BX	W3HZU	DL1SMA
K8EMR	N4ET	N2SU	N2YTF	W4BP	JH4JNG
K9OT	N5BLY	N3JBH	N3AO	W4LIA	K1HC
KA2NDX	N5ENU	N3XBG	N3ZBK	W6NS	K1KA
KA3HED	N5KI	N3YUG	N4GOA	W8JV	K3CWF
KB5GI	N9IV	N5ZMP	N4YHC	WA3JKB	K3UAL
KB8PNS	N9LJX	N6HY	N7EGY	WA4EEZ	K4AAP
KC0HBP	VA3KS	N6MXU	N7JI	WM3O	K4FTP
KD6PY	VA3PZ	N7NH	N7KSI		K4XZ
KI5TE	VE3KZ	N7UN	NA9D	91	K8EAB
KM2O	VE3SPW	N8WWM	VA7QI	AA0CW	KA5TJI
KM5NU	W4YZJ	N9DD	VE3WMD	AD3Y	KB5FHK
KS4V	W5ADA	N9UNX	W0MHK	CO2WZ	KB7BSA
KT5RR	W5CBF	VA3MA	W2VTV	K1UR	KK4DZP
N0WVU	W5RCQ	VE3RX	W3ZGD	K4SPA	KW3DX
N2LID	W7JWC	VE5MX	W4GPM	K6YK	N2ULL

N4BRF	88	N0ELA	W8DQ	81	75
N5BA	AA4QE	N2CJN	W9QY	AB4I	G4RGK
N9JJ	AE0DX	NA5DX	WA4WKL	DF3CB	K3PP
VA3XOV	AE4OF	NE5S	WD4LSS	KE4DZU	K6VHF/HR9
W9CPV	AF4MI	NI5F	WF4R	N6MM	K8QM
W9CSY	K1RS	NN7RM		N7NEV	N5GH
W9HBH	K3TN	W8GOC	84	NI4Y	NP3YL
WA2BEV	K4XD	WB3IGR	CT3FT	W3MC	W4LVH
WA8OJR	K7CTV	WB8JAY	K4EZY	WA4ZXV	W5UC
WD9HCF	K7WV	WF4W	KE6NDG	WA8ZNC	WP4NEG
WE7H	K7ZYV	XE1RBV	N1KI	XE1EE	ZL3AAU
WEST SEATTLE	89		N2NWS		
WH6LE	KB2KIR	86	VE2WBK	80	74
WT4C	KC1GWX	AG1T	W8PU	AC6BW	AK8B
XE3/K5ENS	KC3MLC	K7FB	W8SGR	K7FR	CX4AAJ
	KE8UM	KA9OKH	ZS6NK	KE4PT	KF2TI
	KI2D	KB7JJG		KR4Q	LU4FPZ
89	KI4RFM	KI6HQT	83	KW1DX	TI2CDA
AB1TZ	KJ4KW	KN4MMH	AA6E	N2NS	VE6SO
AG2AA	N0OK	KP4TB	AC9GK	VY2HF	VK4CZ
AG7NR	N1CEO	KT1R	DL5XJ	W5TTY	WC6DX
G4NBS	N2MKT	N2NF	K1LH	W6TCP	
JQ1TIV	N2ZN	N3MVF	K4SQC	W7AM	73
K4BMM	N4CAG	N8TFD	K6JJ		G4FKA
K5CX	N4GN	NZ3O	K8SIA	79	JF1IRW
K5JAZ	N4KIN	VA3MDB	KB3HHA	K4RW	N6DW
KA0MWA	N4UC	VA7LM	KB9LIE	K5JBT	SV1RK
KF4TVL	N5VBK	VE7IRU	KC1UYZ	KB4DSL	VP2MJD
KI0G	NS3X	W8IW	KK7BV	KP4N	W4WT
KI4FW	NT4TN	WA1PMA	KU4WW	N2COP	
KI4US	VE2VLJ	WA4USA	N6KTH	N5YJZ	72
KR4U	W2BZR	WB4GCS	SV2AEL	N9RC	N4II
KT3X	W3YX	XE2AU	TG9AKH	VE3CFK	PV8ADI
N2GZ	W4DL		W7USB	W2GW	
N5KAE	W4R XR	85	WD6T	W2SKI	71
N8YSZ	W7HDD	EI3IO	WD9IOK	WN0L	K0GW
N9RG	WA2BTR	K1UU	WI6Z		K4GK
N9UDX	WA5MD	K4LRP	XE1MM	78	K5WPN
NE2U	WK3N	KB3MXK		K2QPN	NP4TT
VE3VCF	WV8O	KC0V	82	TG9AWS	W2YR
W0HRO	XE1SOV	KE4DRF	AD4IE	W4NE	W3FGP
W1HY		KK4AND	CB0ZA		WC5M
W2JEK	87	N2RJ	K3RJK	77	
W2OK	AC0A	N4LS	K4JMX	K1IFJ	70
W4ZMM	AG4I	NJ1Q	KA5WSS	MI0AYR	GI4SJQ
W6VNQ	K4JC	VE3GFN	KC5YKX		K4BNC
W9HT	K5UZ	VE7DAY	KG4KVZ	76	KC0ZRX
WA7SDI	K5WO	W1WV	N1SF	K0WYN	N6GEO
WB3IAL	K6UIP	W3STU	PU8TEP	K6MAA	W2QO
WM6Y	KB1VUN	W4IT	W5DAS	KI4CYB	W4GP
WQ5C	KC8NAH	W4RA	W7YOZ	KI7WXP	
WR5AY	KE6WOX	W6ST	W8GG	N1GNB	69
XE2NL	KI6RRD	W7SIR	WA2ONG	N2MH/4	K3WGR
XE3DX					

W1YM WD4LBR	UR9QQ	46 LU2DX	LA2QM	K4SLC KP4EIT W8MK	UX0DL WC2C
68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH OE3SGU	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL W7YED	57 IK1ZOF JL1UXH N5LJL WD5GRW	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN	
66 K6KLY KB4YKC KK4YEL	56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN HB9RUZ K4ZIN	30 E72X JL3LSF JO7WXN WA6DNR	20 CX1FK HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR YL3HA	13 JE2UFF K4WY PY2MC W4PWF
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 JL3MCM LA3MHA WA2EMF	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 (EM1301)	54 AG4KI	40 E75AA JF1LMB JR0QFA OH4UI WB8TGY	28 CT8/K0RUI JA6CRP K0FMI OH3DP		
	53 K0BBC 3001CZ	39 AA5PK YL2JZ	27 E70A KC9ELU WP4NIX		11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
63 EA1DR KB0RFY	51 CT1ETE N8OFS VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	26 WB7QXU	18 AJ6V KJ4EU W0HBH	
62 HB9ALO HL2EIZ IZ8EDJ K4DXA N6ZDH SP5QWB	49 N8MR	37 BA7NQ HA5PT JA9APS JH9DRL	25 EA4/K1WE	17 G3LZQ PY2XAT W0JM	
61 CU3AN N0GVK US5WE UX1UA	48 G8BQX JA9KRO K0BBC/R KI5KC N6DBF NP3IR YY4DNN	36 JA1WSK	24 EI2JD F1RAF F4BDG KS4YX LA6OP ON6AB PA7TWO	16 N6VHF	10 AI9L DL4CF HB9BOS JI2UDK PA5KT SV2DCD TF3Y UR7DWW
60 IZ4DPV KP4JFR S55DX	47 HB9RYZ HL2IFR JE1VTZ	35 GI4OWA LU9DO UR5WA	23 GM4ILS HB9G	15 9K2BM EI2GLB HB9HIT HL4GAV LU5FF PY2RN SV8CKM UT3UA	
		34 G4SEU			

9	SK6QA	9K2NO	JA1GZK
DL7BA	VE2NGH	BV6CC	JA7DPC
EB1EWE	VR2XMT	CO6CBF	JA7VXB
EC7ZK	W1ZR	DF8FT	JH8XVT
G6BFP	W2ZF	DK1CO	JI1HNC
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
	IV3GOW	GI4ONL	KP4DER
8	JG1JPE	IK1IYU	MM0INH
DK2LO	JH7IMX	IK2GOQ	OK1UU
JA1CPU	JH7IPR	IZ8XQC	ON6NA
JE3PCP	JK6DXD	JA6AVT	OZ1IKY
JJ2NWI	UT5EL	JA6SZV	PU5SVE
N8RO	VK4ZP	JA9FAI	SM3GBA
OH8LXT	XE1SAX	JH3MHI	SM6LPG
		JP1HDK	SP7EXY
7	3	K4KZM	SQ5NRY
DH0GSU	DF1ZN	K7LY	UN8G
G8APB	DJ5AV	KEN IN NEBRASKA	UR5EDX
HB9GWJ	DL2KQ	LA2CQ	VR2VGM
IZ0INX	EA1AR	OH3KAV	WB7VUF
JA2NDQ	EA4D	SV1XV	YO8WW
LA3DV	G3LHJ	SV3FUO	
N5ORT	GM4CFS	YB2DX	
NJ4Y	GM4KHE	YL2KF	
UR5FEO	HA9PP		
ZS4TX	HL2ZN	1	
	IK0WRB	3A2MW	
6	IK8EPC	9A2EY	
CT2FEY	IW3GJF	BD4UJ	
DL1TRK	JI1CHH	CT1AHU	
DU0A	JM1GHT	DH8BQA	
EI2JC	JN1BPM	DJ3ZF	
JA7NGE	JR6IQI	DL2DCX	
PY2VA	KC0Y	DL4ZAB	
	PY5IP	DS5TOS	
5	SA7CJO	EA3WD	
DL5LH	SV1VN	EA4GQS	
EA1AAA	W1CBY	F1VEV	
EA7ZY	WD9EWK (DM436)	G4VSS	
IK8GYS	YB1TJ	G6MXL	
JI5USJ	YL2CA	G7SQS	
JJ1IDW	YL2MU	G8TTI	
KB8VAO		IK5BSC	
M1VPN	2	IW0AFS	
MU0GSY	5B4ALJ	IZ0BTV	
OK1IN	6K5XZE	IZ2CSX	
ON5UE	7J1ADJ	IZ3DBA	
PP2RON	9A2GA	IZ5FSA	