

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

KU7Z N8OC	NM5U W3LL W9WO	419 K7NN W0GN W5AL	K6FG K8EB N4UFO	393 K1GG K7XC W4TV	379 AB9BH KI0E KZ2I N8WNA W6TMD
444 N7BAV	432 K6GXO N6KK	417 NJ6D	405 AA4SC K3FRK K5CKS NE9U W0MU	392 AF4HX W6OMF	378 WR7X
443 AB4IQ N4MM WB8ZBT XE2X	431 K0TLM	416 K4RWP K7ND KO4MA	404 N2ZX VE4EAR	391 AD5A N1EVK W4AVY	377 AB1OC NT9E WA1NLG
442 KP4AJ N2QT	430 K1TEO KF8MY N5TJ	415 K5OMC K7AWB W0GJ WW1L	403 AA1ON NH6T/W4	389 AB4SF	376 K8GI K8VFF N2WK N3OC
441 K8TB K9KLD KD3CQ	429 WA5JCI	414 K0DEQ N0GZ	402 K3FM K7SMA	388 K0IP W4WRL	375 K6QG WB4OQX
440 AG9S N4TL W2IRT WA1EAZ	428 K5RT K9APW N2NL	413 AE5FM WA9LFO	401 K4CKS	387 KV4T N4CH	374 KV7K N6GP N7DB
439 K8ZM WA9DU	426 K4ZOT K8ZR N5OK W5JAY	412 VE2XK 6M FN07 W0RH W3UUM	400 W0JRP W0RH W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S	373 K4SSO NY1V
438 K9MK	425 K6ML	411 N9EAT	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA	372 JA7QVI W5MO
437 KK4MA	424 N4UFP N9AKR W3EP WB8BPU	410 K5XI KE7SW KE8KMX KI8G N4HN	397 K8JH	384 K8ROK W7FI	371 WA6BYA
436 N4QWZ N9FN W3TC WB8ART	423 AJ4A W4DR	409 N5SYV	396 K6VHF KB8U	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V
435 KF6A	422 VE6WQ WB5JID	408 W7BA	395 AA5XE K0AZ KF7CQ	381 AG4W W3VZ	369 KF8UN N2DPF
434 K1SIX K8ROX KF0M	420 VE3LYC	407 W4AS W5CIA W5PR	394 AA5JF K2TER KT8O	380 K7MCX NE6I WA5LFD	
433 NA6MG		406 AK3E			

368 K0DD KB0V W5RCI W6GMT	357 K4LVV	341 KD7DCR NX7U WA7YAZ	333 KM4HI KN4NN N0IGZ N6KZ W3GQ	NG7M W7JLC WF7T	NY2NY XE1AO
	355 KD5XB			325 WA2AEY	314 KU4XO VE3XN
367 AA4ZZ KC4HW KR4BD W7YAQ	353 AF2K K0CS	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
366 KI7JA	352 KF9UG NZ3M VE3DS W0KKK W1DYJ WA9PWP XE2ML	339 KE4BKL VA7FC W5VAS			
365 K4JJW K7XB KG7CW W4FC WB4EVH	351 AA4FL K5DTC	338 NA5Z VE3SXE WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
364 AB5EB K0RAR N6QQ	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI	322 AA8SW VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
363 W4NH	349 KA0BAD	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA W8OP WO9S	329 AA1QD N2JJ N8HRZ W2OR W8WG W9DCT W9XA WB4KTF WX4G	321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX
362 W1JR WA5OLT	346 W8LMG			320 N4DW	
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	345 KB1EFS VE7BV W3XY XE2YWH			319 N7US W4ER	309 AA4LR
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX N3PS W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD	318 N3ALN W4HY	308 WA4HFN
358 K5RLA K6EME KG8P NK0S	343 AB4EJ K5EK N3RC W2HRO	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 KJ5RC N0YO W2JU	317 KA8SYV W1SKU W3HDH	307 KE5K W3ATV W9RPM
			326 K2ZD K6LMN K6TDI	316 K3FN KA0ABA W4UCK W9BWR	306 K1ST K4QE K6RO N0LD WB0OQV WV9L
				315 K5VH	

305 K3VAT K6UM (CM88) KF2T KT1J WA9M	297 KE8Y N8YQX N9LF	W1DU W4HLR W7YA	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	W7JY WZ9B	261 AF2F K3TWK KB8UUZ N3EW
304 K6IPF WA0GUD	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY WA4NVM		269 K2IE K3ZO KD5R KK0DX N5EPA N5WD VA2CY	260 K6JAD N6HC NT7C W3SW XE1YD
303 EA8DBM K8TGC K8TL N7LAN	295 JG1TSG KE4P N7NT	285 K5CZD K9UO XE1YY	277 AC7JM NS4T PV8DX	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)	276 K2CS K5TWJ K7TAB W9OO	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	275 K1MAA K2NJ N4GG W0FK		258
300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX0Z WX2S	292 KJ6P W1SSN	282 AA0ZP K0CAO K0PG K5TA N8JCM W4WM	274 KB1DMX WA8MCD	266 K1OA K1WVX TG9AJR WB8EJN	K2HAT NA2NY VE3MSC WB7ECS
299 DK8NE N9JR VE6WK W1LE W5SUM W8UV WB5GVY	291 KS4S W1WHL W2CCC	281 JR1LZK K4OY NL7CO W2YE	273 KM4H KV1J VE6SH	265 N5KS W7CT	257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HF1/0
298 AG1A KD4WSC N4IQ	290 JE1BMJ WA8EFK	280 N0KV NM5Z W1FKF	272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O	256 N8ZJN
	289 K4MM K9FA N5BCA N7RO NQ7G W4LTJ	279 AA8MA N3JPU W0VHF (EL87) W8GJ XE1FAS	271 K7NII KB7FUV KM3V W3HHN	263 AK4PR K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE
	288 K1NU N6AR		270 K4SPD KC9FQD KV7N N2LIV W4QK W5DNT	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	

254 N7QOZ NR0Q VE3OTL WD5ITW	N5TIT VE6TA (DO33) W4FRA WI7P	238 AA3GM JP1LRT MD0CCE	VA3XJ WB0WAO/8	223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW
253 KG4ERR N2XQM	245 N1IA N3XF VA3CW	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 KB9PJL VE3SYK WA7AJ
252 AB5A CT1EEB F4BKV K1ACL K3NK N9ATF NN4RR VE6NTT	244 AA9RR K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	236 K0SU K4NK KB1HY N3FTI N9ATD W5AJX	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	235 ND0C VO1GO WB6RJH WT2P WZ9W	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		216 K7RB N0IS N6PM NE1F W4HFZ W5RWF WA2OTC	208 AI2N CO8DM KD5HIO PV8ABC

207 N1BCL N8NJA	WA9ASZ	193 K7PT K9AB	K6ZZ K8PT K9SG KN4PPD KN7K N0XLR N6ZE	K4LYN KC1MMC N1RK N6PEQ N6VH W5HI	174 K3MD K6WRL KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI
206 AB0CT AK4Y CT3MD K4GHS K9YC (EN61) KB0LYL NA5Q W0BNE W4EJG XE1J	200 4A2MAX K4YJ N5AO N9AG VA3VU W1AW 199 N3KfV W4OEP WB0YEA 198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN 191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT	179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ	173 K2ZZ K5YPV KE4SCY
205 AF4OD K8SD KE4HOA N5ITO W8QID		190 K5DB K5ER KC2DLD KK8MM N5SMQ N9UA W1ATV W2OO WB0DBS	184 4O3A AF5Q K0DEW KR4M N1IBM N4BG	178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD W9JJ WY7FD	172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC
204 WA3DRC	197 K3EGE N4BAF W3TW W5CTV	189 KC0MEA WA5VKS	183 K5RQ N0UBL W2UDT		171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX WA2KBZ
203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W		182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I XE1CL	177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG	170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V
202 K1BZ K5GJR WC7X WF8Z WQ5W	195 AA4W JA7MSQ K2WJ K6VDP KG6WIK	188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M	181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B	176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R	
201 AA7WB KC5FP KO9V KR0I NN0K NR2C WA1MKE	194 K2MRK K3EA N3FA N9NFT WF1H WK8A	187 AA8R KD3HN KQ0J	180 K0OST	175 PV8BR	169 K6XC KD5OMJ N2BEG N5XES N7PHY NY4I VE3HHT

W8KNO	W9VS	WV8DX	K7IU	W0HNM	WY0V
168	WA1Z		KB2YSI	W0UHL	138
KG5ZMQ	WB0WAO	154	N0TM	WB0MMC	AC0XY
W2PD	161	AE4NT	N5ZBI	WM5H	AI6O
W8WEJ	K4EA	KB9VMW	W6VNV (CM88)	142	JA6RJK
167	KB3CWQ	KD2NF	WB6RAB	N2ZA	KD7WPJ
K4MQG	N2YBB	W3ZQN		N5RMS	KE0A
KB1YNT	V44KAI	153	147	NA2X	KE3D
KE5EP	VE3LC	AA4NC	AF6AV	NC4VA	KE8RO
LU4FW	W4HOG	AB4GG	K6PSP	PV8AJ	KQ4KX
N0NHW	160	K7AD	KC1BUF	W5SWV	N3XH
NO0T	AB1QB	K7ZD	VE3CX	WA5TKU	
TG9ADQ	JA1AFR	N1OFZ	W4YCC	WS4V	137
W1BAT	K5IQ	N2ADV	W5WOX		N1SZ
166	159	N6DHZ	WA0VPJ	141	N5JGK
JA1OVD	G0OIL	W3DQS	WA3YGQ	K4AR	SM7AED
KC2GHT	K4MZ	W5FI		K9ATX	
N5VU	NS7B	W9ILY	146	KT8TD	136
NC4RY	W1EME	WB5ZAM	K2GW	N9FIV	K0XXX
VA3WEB	W4TTO		K8YTO	NV4B	K4SX
WB4KXS	WB8NUT	152	KB0YH	W4FS	KC5LK
165	158	AA6I	KB5ZEA	W4POT	KC9AXZ
K4DXT	I0WTD	N0RC	KC2TN	W6ZI	KJ5RM
KD5HPT	K8CR	N1NUM	KM5TY	WB9WHQ	KV1E
N1JFU	KI0D	N2WM	N4HID	WR7AY	NO1R
W0RIC	N2CG	NU1T	VA2RC	140	W2JCN
164	157	UT7QF	VE1VOX	AC5DK	W4AVV
K2SD	K4FX	W6IA		BA4SI	W7UV
K5VWW	KB8GC	WO4G	145	CO2WF	XE2JS
KD0UHN	KC2WUF	151	KD7YZ	K1UO	135
KF9US	WA7NB	KO0Z	V31MD	K7SAM	CU3EQ
W4CSW	156	OE6IMD	VA3TTX	KC0MEZ	K4MWB
WK7G	K2KJ	W1ZT	WA4JA	KC8TMU	K8ZIZ
WQ7F	K9OHI	W2DXE	144	KJ4KVC	LY3W
163	N3RN	150	K0TLG	N1EN	N4DB
K2JF	N9KO	N9LAH	K5TDW	N3VOP	N8XE
K2YSY	VE7VDX	VE3OAT	K6JRA	NJ0U	W6BXQ
N3FX		W7APM	K8MN	VE3KY	WB8BZK
N5XZ	155	149	K8WU	W4TUN	WW2DX
162	AE4M	AB6CF	N9DI	W6DQ	XE1H
AF4GK	CT1BWU	K4SAN	W5MPC	WA4KXY	
K0QB	K3TD	KK9H	WO7GI	139	134
KA1R	K6XN	W3UA	YV4NN	IZ8FFA	AB1NS
KD4TDI	N7AU	WB4VHF	143	KC7JPC	AB4GE
N5SIX	N9OBE	148	K0KVR	KU0G	C6ABB
W9JJB	TG9ANF	AC0DQ	K6JBH	N7T	GM4UYE
	VA3NQ	AG0A	K9QFR	NA2AA	KE5FXE
		K0RU	KB8RJS	NZ6N	N3AIU (DN70)
			N8URE (FM19)	W4OV	N8GOU
			NA1VT	WB2JIL	W4TKI
					WA3WZR

133 KA5ETS KC1RET KE1VT KM8V W0RT W4GE WI5D WW7Q XE2O	KM5LY KM5SC N9WBR	KT5MR N0SL N9AZZ PV8AAS W0PE W1TAM W6SCQ W7YM W9CDL	K2CYE K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06) N3YPJ VE1JC VE3XK WA6RAY WD4OHD	NA7L NU6V W6WE WA1TBV XE2PXN	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	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 TF3JB 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	
129 8P6ET JF4VZT K0KD K5QWO KC8KSK KF4NEF	125 AA7DK K3PU KC5DRI W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P	120 EA1YO	117 AB5J K4WS N4USG N5JEH* N5LPT	113 AB4PM AD5MD K3DQB KD4BPZ KD6VCD KM5OL N3JDQ N4YCI	109 AK6ZZ G4BWP IW1ARB K2DSW K2JGL K2OO K5DNL K9GY KE6GLA KJ6CA

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
KK2DOG	NJ1H	VE7ZD	KD3SW	W2HOG	K0YQ

K3HZO (FN20)	KM5NU	W4YZJ	N8WWM	NA9D	91
K4GTR	KR4EE	W5ADA	N9DD	VA7QI	AA0CW
K4JQU	KS4V	W5CBF	N9UNX	VE3WMD	AD3Y
K8XF	KT5RR	W5RCQ	VA3MA	W0MHK	CO2WZ
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	AI8F	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	KC0AUY	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

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 KC0ZRX N6GEO W2QO W4GP	K4MLB N0GVK US5WE UX1UA	KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	25 EA4/K1WE	W0JMJ
69 K3WGR W1YM WD4LBR	60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG KS4YX ON6AB PA7TWO	16 N6VHF TI2CDA
68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	34 G4SEU LA2QM	23 GM4ILS HB9G K4SLC KP4EIT W8MK	15 9K2BM EI2GLB HB9HIT LU5FF PY2RN SV8CKM UT3UA WC2C
67 JG2TSL W7YED	57 IK1ZOF JL1UXH N5LJL WD5GRW	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	22 9H1SP IZ3ENH OE3SGU	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
66 K6KLY KK4YEL	56 KI5WA LU8ADX NI6T	43 8P6SH CT1EEN HB9RUZ K4ZIN	31 K7TM	21 EA1YN	13 JE2UFF K4WY PY2MC W4PWF
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 JL3MCM LA3MHA WA2EMF	40 E75AA JF1LMB JR0QFA OH4UI WB8TGY	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK HL4CJG I1FQH JM1KVV N1WC PY5EW W8LR	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB
64 K3BQ WD5GRW (EM1370)	53 K0BBC K0JCZ	39 AA5PK YL2JZ	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM
63 EA1DR KB0RFY	51 CT1ETE N8OFS VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	18 AJ6V HL4GAV KJ4EU W0HBH	
62 HB9ALO HL2EIZ IZ8EDJ K4DXA N6ZDH	50 N8MR	37 BA7NQ HA5PT JA9APS JH9DRL	27 E70A KC9ELU WP4NIX	17 G3LZQ PY2XAT	
61 CU3AN	48 G8BQX HL2IFR JA9KRO K0BBC/R		26 DS4AOW WB7QXU		

SP5XMU	EA1AAA	W1CBY	G4VSS
10	EA7ZY	WD9EWK (DM435)	G6MXL
DL4CF	IK8GYS	YB1TJ	G7SQS
HB9BOS	J15USJ	YL2CA	G8TTI
J12UDK	JJ1IDW	YL2MU	IK5BSC
PA5KT	KB8VAO		IW0AFS
SV2DCD	M1VPN	2	IZ0BTV
TF3Y	MU0GSY	5B4ALJ	IZ2CSX
UR7DWW	OK1IN	6K5XZE	IZ3DBA
	ON5UE	9A2GA	IZ5FSA
	PP2RON	9K2NO	JA1GZK
9	SK6QA	BV6CC	JA7DPC
DL7BA	VE2NGH	CO6CBF	JA7VXB
EB1EWE	VR2XMT	DF8FT	JH8XVT
EC7ZK	W1ZR	DK1CO	JI1HNC
G6BFP	W2ZF	EH4BPJ	JJ1PFC
IK3ITB	YL2CZ	ES8JX	JL2ULM
JA1MZL		F5TMJ	JN3ONX
JA2FGL	4	G0THY	KC3KJQ
JE1LFX	CT7/RC2A	G4DDL	KG4JSZ
KD3UY	EK/RX3DPK	G8GNI	KH6WI
S51NM	F1DFR	GI4ONL	KP4DER
	GM4KHE	IK1IYU	MM0INH
8	IV3GOW	IK2GOQ	OK1UU
DK2LO	JG1JPE	IZ8XQC	ON6NA
JA1CPU	JH7IMX	JA6AVT	OZ1IKY
JE3PCP	JH7IPR	JA6SZV	PU5SVE
JJ2NWI	JK6DXD	JA9FAI	SM3GBA
N8RO	UT5EL	JH3MHI	SM6LPG
OH8LXT	VK4ZP	JP1HDK	SQ5NRY
	XE1SAX	K4KZM	UN8G
7		K7LY	UR5EDX
DH0GSU	3	KEN IN NEBRASKA	VA2VGM
G8APB	DF1ZN	LA2CQ	WB7VUF
HB9GWJ	DJ5AV	OH3KAV	YO8WW
IZ0INX	DL2KQ	SV1XV	
JA2NDQ	EA1AR	SV3FUO	
LA3DV	EA4D	YB2DX	
N5ORT	G3LHJ	YL2KF	
NJ4Y	GM4CFS		
UR5FEO	HA9PP	1	
ZS4TX	HL2ZN	3A2MW	
	IK0WRB	9A2EY	
6	IK8EPC	BD4UJ	
CT2FEY	IW3GJF	CT1AHU	
DL1TRK	J11CHH	DH8BQA	
DU0A	JM1GHT	DJ3ZF	
E12JC	JN1BPM	DL2DCX	
JA7NGE	JR6IQI	DL4ZAB	
PY2VA	KC0Y	DS5TOS	
	PY5IP	EA3WD	
5	SA7CJO	EA4GQS	
DL5LH	SV1VN	F1VEV	