

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 (18 Dec 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	W0JW	XE2CQ	AF5CC	464	KB9DAK
AA0MZ	W0LGQ			KB9OWD	W5XC
AA5AM	W3CP	485	477		
AA5C	W4UDH	K0TPP	KC7V	463	452
AA7A	W5ADD	K9MU	N5KO	K4MY	N5BO
AI5I	W5AFY	N0POH	N7ZO		N9BX
K0GU	W5AJ	W5VY	NC6K	462	NE1B
K1TOL	W5EME	W5ZN		K6ZH	
K4PI	W5FF		476	N6ORB	451
K4XO	W5KI	484	KC7QY		K5WBM
K5RK	W5OZI	AD6D		461	KD3CQ
K5UR	W7GJ	K7BG	474	N4JQQ	
K5WE	W7JW		K7KQA	NA9RB	450
K7CW	W7KNT	483	W6XK		AJ4F
K7ULS	W7MEM	AC0RA		460	KF8MY
K8SIX	W9FF	K1USA	473	K4SO	
K9CT	W9JN	W0VTT	N4TB	KF0M	449
KA9CFD	W9RM	W5TRL	NQ7R		KF6HI
KA9FOX	W9XX		WB0O	459	W8TN
KD5M	WD5K	482		N5NA	
KG5CCI	WQ5S	K0BJ	472	XE2K	448
KM0A	WS9V	KX4R	AI1K		KP4AJ
KM0T			KB7ME	458	W3LPL
KO9A	487	481	WD8JJA	K9NW	
KR7O	K0SIX	W9VHF	WE9R	KG5THG	447
KV5W	K1TO	WA7HQD		N9BCA	AH0U
N0LL	K7MAC		470		K3SX
N0LWF	K9YY	480	WO7R	457	K4HB
N0PB	N0AKC	K5GZR		NI0G	KS7S
N0TB	N7CW	N4WW	468	W3UR	N4SC
N1AV	N7IR	WB0ULX	VE3EK		
N3SL	N9ISN	XE2OR		456	446
N3XX	NA6L		467	N4QS	K1HTV
N5DG	W3IP	479	N5EKO	N9PGG	K6EID
N5OMG		N5WS		W5THT	WB7CJO
N6JV	486	W5WVO	466		
N7NW	K5ND	W9RN	KA0JGH	455	445
N9LB	KY7M		KB6NAN	WA9DU	K4XP
N9UM	N0KE	478	NY0V		K7PI
ND0B	N7KA	AD1C	WB9CIF	453	KU7Z
W0FY	WD5COV	AE5B	WX7M	K4YMQ	N8OC

444 N7BAV	432 K6GXO N6KK	416 K4RWP K7ND KO4MA WW1L	NE9U W0MU	391 AD5A NZ3M W4AVY	379 AB9BH N8WNA W6TMD
443 AB4IQ K8ZM N4MM WB8ZBT XE2X	431 K0TLM	415 K5OMC K7AWB W0GJ	404 AA1ON N2ZX VE4EAR	390 KZ2I	378 WR7X
442 N2QT N4TL	429 WA5JCI	414 K0DEQ N0GZ ND4X	403 NH6T/W4	389 AB4SF	377 AB1OC NT9E WA1NLG
441 K8TB K9KLD WA1EAZ	428 K9APW N2NL	413 AE5FM WA9LFO	402 K3FM K7SMA	388 K0IP W4WRL	376 K8GI K8VFW N2WK N3OC
440 AG9S W2IRT	427 K4ZOT N4LR W0RH	412 VE2XK 6M FN07PJ	401 K4CKS	387 KV4T N4CH	375 K6QG WB4OQX
439 NM5U	426 K8ZR N5OK W5JAY	411 N9EAT	400 W0JRP W3UUM	386 N7IJ NN4R W5TFW W7AH WE4S	374 KV7K N6GP N7DB
438 K9MK	425 K6ML	410 KE7SW KE8KMX KI8G N4HN	398 N8IEZ W1NG	385 NK1K VE6MB W4WTA	373 K4SSO NY1V
437 K5RT KK4MA	424 N4UFP N9AKR W3EP WB8BPU	409 N5SYV	397 K8JH	384 K8ROK W7FI	372 JA7QVI
436 N4QWZ N9FN W3TC WB8ART	423 AJ4A W4DR	408 W7BA	396 K6VHF KB8U	383 KI0E W5MO	371 N3PS WA6BYA
435 KF6A NA6MG	422 VE6WQ WB5JID	407 W4AS W5CIA W5PR	395 AA5XE K0AZ KF7CQ WB4EVH	382 K5PI VE3YXO	370 K5TN KN4SM KS4YT N3MK NT0V
434 K1SIX K5XI K8ROX	419 K7NN W0GN W5AL	406 AK3E K6FG K8EB N4UFO	394 AA5JF K2TER KT8O N1EVK	381 AG4W W3VZ	369 KF8UN N2DPF
433 W3LL W9WO	417 NJ6D	405 AA4SC K3FRK K5CKS	393 K1GG K7XC W4TV	380 K7MCX NE6I WA5LFD	368 K0DD KB0V
			392 AF4HX W6OMF		

W5RCI	355	341	333	NG7M	NY2NY
W6GMT	KD5XB	KD7DCR	KM4HI	W7JLC	XE1AO
367	354	NX7U	KN4NN	WF7T	314
AA4ZZ	N3AIU (DM45)	WA7YAZ	N0IGZ	325	KU4XO
KC4HW	353	340	W3GQ	WA2AEY	VE3XN
KR4BD	AF2K	KE4TH	332	324	313
W7Yaq	K0CS	N0AN	AA7UN	HC2FG	K0TC
366	352	339	N4JDB	K9SH	N2ZZ
KI7JA	KF9UG	KE4BKL	N7KDT	KU4A	N6NR
365	VE3DS	VA7FC	VA3IKE	N2BJ	N7UVH
K4JJW	W0KKK	W5VAS	VE1JBC	VE3TMG	NF4A
K7XB	W1DYJ	338	W9GM	W4MAY	W4GLV
KG7CW	WA9PWP	N9JR	331	323	W5RKN
W4FC	XE2ML	NA5Z	K1GJQ	N8II	312
364	351	VE3SXE	K8WDA	W8KEN	AF6O
AB5EB	AA4FL	W9XA	KC0UDO	WO2T	KA2GOJ
K0RAR	K5DTC	WA5KBH	N4MW	322	311
N6QQ	350	337	W3TI	N3ALN	AC9S
363	N6VI	K8ZES	330	VA6SZ	KM3T
W4NH	N8YO	NU6S	KB8MBC	321	KS4XQ
362	349	W9EWZ	KG6AY	NC7B	W2BZY
W1JR	KA0BAD	WA5RT	W8PI	NS4C	W5DB
WA5OLT	346	WW0E	329	W9VA	310
361	N9XG	336	AA1QD	320	N1NK
AC9DX	W8LMG	FG8OJ	AA8SW	N4DW	NJ7G
K8BL	W8OP	K5KDX	N2JJ	319	W9KVR
K9NR	345	K7BV	N8HRZ	KF2T	WO4DX
N1KDO	KB1EFS	K9QVB/9	W2OR	N7US	309
N7MB	VE7BV	VA2WA	W8WG	W4ER	AA4LR
N8KOL	W3XY	WO9S	W9DCT	318	308
NG4C	XE2YWH	335	WB4KTF	W4HY	WA4HFN
NI0P	344	AK0MR	WX4G	317	307
360	K6FW	K0VG	328	KA8SYV	K1ST
AA4FF	KB0PE	K5FUV	N5PT	W1SKU	KE5K
K6UM (CN85)	W1OW	K5FZ	W2CNS	W3HDH	W3ATV
358	343	K9QVB	WB3LHD	316	W9RPM
K5RLA	AB4EJ	KB4MRX	327	K3FN	306
K6EME	K5EK	W9GKA	KJ5RC	KA0ABA	K4QE
KG8P	N3RC	WA7PDC	N0YO	W4UCK	K6RO
NK0S	N6KZ	334	W2JU	W9BWR	N0LD
357	N8LRG	K0OOK	W7YA	315	WB0OQV
K4LVV	W2HRO	K3TRM	326	K5VH	WV9L
		N4UFO (EM95)	K2ZD		
		N9DR	K6LMN		
		WB5TOI	K6TDI		

305 K3VAT K6UM (CM88) KT1J WA9M	N9LF	287 K8DP KC7MRQ N8CGY WA4NVM	K3JT K3WA KV7N N0LNO N8BJQ NN1N	WZ9B	WA0KBZ
304 K6IPF WA0GUD	296 JG1TSG K4XR K6YUI KC7RW	285 K5CZD K9UO XE1YY	277 AC7JM NS4T PV8DX	269 K2IE K3ZO KD5R KK0DX N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33) W6TCP
303 EA8DBM K8TGC K8TL N7LAN	295 KE4P N7NT	284 AB0RX K0KP K4DET KX7L NJ2F (EL96)	276 HC1BI K2CS K5TWJ K7TAB W9OO	268 K6OJ N9ZTS W0KAN	260 K6JAD N6HC NT7C XE1YD
302 KB2TGU N3KN	293 K2UU K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	283 K2BLA N5OHL WA0FQK WB0CQO	275 K1MAA K2NJ N4GG W0FK	267 KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB	259 K1BD KD4ADC KG6I KN5O NS7K NY1E VE6BMX W9TA WA4YA
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	290 JE1BMJ WA8EFK	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	288 K1NU N6AR W1DU W4HLR	278 AA9D AJ4W	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY	262 K3CWH KD8JSP N4ST ND4DX	

254 N7QOZ NR0Q VE3OTL WD5ITW	W4FRA WI7P	238 AA3GM JP1LRT	VA3XJ WB0WAO/8	NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW
253 KG4ERR N2XQM	245 N1IA N3XF VA3CW	237 K3KO	229 K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	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 W0NCB
251 AD5JK K1NJ KG7NV NN4SS	243 JA1QJI K3TC W4EJ YV1DIG	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	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	234 KE6FCT	226 AF5WN GD0TEP N7CNH N8UR NM5S W0VX W8RD WQ6Q	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)	211 K9FOH NE8S VE3SMA W2ZDP W5HNC W6AER W6KAP
249 CT1IUA K7LOL K8AO KQ5U N1GC N5SMQ W2LV	241 N6NU W5LO	233 K1AFC N5PA N9NJS VE7VZ W3DF W8PAT W9TD XE1L	225 AC9O K9QJ KX9X (EN50) N2WSY PV8AZ 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	232 IT9IPQ K5FO N0FJP N9NJY	224 JA8ISU NJ8J	217 ND4V W4DEE	209 AA4IB W5WGF WA4NFO XE2N
247 W3TEF	239 K9MQ KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	231 AI9L K4MIJ K5VR K6HEW KF6GYM W9XT	223 K7UA		208 AI2N CO8DM KD5HIO PV8ABC

207 N1BCL N8NJA	WA1MKE WA9ASZ	193 K7PT K9AB	K8PT K9SG KN4PPD KN7K N0XLR N6ZE	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	192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN	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	198 AC8TO JR2HCB N0UK N7EPD NX0I W8DM WA7KYM	K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD	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 LU2DX WA3DRC	197 K3EGE N4BAF W3TW W5CTV	190 K5DB K5ER KC2DLD KK8MM N9UA W1ATV W2OO WB0DBS	183 K5RQ N0UBL W2UDT		171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ
203 K0VSV K5HYT K5LOW N0HF N8SYF W1RM W3SZ W9GFB W9VOB WA1KPD	196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W	189 KC0MEA WA5VKS	182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I XE1CL	177 AG4ZE K2QQ KI4BWW NY4I 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	169 K6XC KD5OMJ N2BEG N5XES N7PHY VE3HHT
201 AA7WB KC5FP KO9V KR0I NN0K NR2C	194 K2MRK K3EA N3FA N9NFT WF1H WK8A	187 AA8R KD3HN KQ0J 186 DJ5FI K6ZZ	180 K0OST K4LYN	175 PV8BR	

W8KNO	W9VS	VA3NQ	K7IU	N8URE (FM19)	W4OV
168	WA1Z	WV8DX	KB2YSI	NA1VT	WB2JIL
KG5ZMQ	WB0WAO	154	N0TM	W0HNM	WY0V
W2PD	161	AE4NT	N1TOR	W0UHL	138
W8WEJ	K4EA	KB9VMW	N5ZBI	WB0MMC	AC0XY
167	KB3CWQ	KD2NF	W6VNI (CM88)	WM5H	AI6O
K4MQG	KK9M	W3ZQN	142		KD7WPJ
KB1YNT	N2YBB	153	N2ZA		KE0A
KE5EP	V44KAI	AA4NC	N5RMS		KE3D
LU4FW	VE3LC	AB4GG	NA2X		KE8RO
N0NHW	W4HOG	K7AD	NC4VA		KQ4KX
NO0T	160	K7ZD	W5SWV		N3XH
TG9ADQ	AB1QB	N1OFZ	WA5TKU		137
W1BAT	JA1AFR	N2ADV	WS4V		N1SZ
166	K5IQ	N6DHZ	141		N5JGK
JA1OVD	159	W3DQS	JA6RJK		SM7AED
KC2GHT	G0OIL	W5FI	K4AR		136
N5VU	K4MZ	W9ILY	K9ATX		K0XXX
NC4RY	NS7B	WB5ZAM	KT8TD		K4SX
VA3WEB	W1EME	152	N9FIV		KC5LK
WB4KXS	W4TTO	AA6I	NV4B		KC9AXZ
165	WB8NUT	N0RC	W4FS		KJ5RM
K4DXT	158	N1NUM	W4POT		KV1E
KD5HPT	I0WTD	N2WM	W6ZI		NO1R
N1JFU	K8CR	NU1T	WB9WHQ		W2JCN
W0RIC	KI0D	UT7QF	WR7AY		W4AVV
164	N2CG	WO4G	140		W7UV
K2SD	157	151	AC5DK		XE2JS
K5VWW	K4FX	KO0Z	BA4SI		135
KD0UHN	KB8GC	OE6IMD	CO2WF		CU3EQ
KF9US	KC2WUF	W1ZT	K7SAM		K4MWB
W4CSW	WA7NB	W2DXE	KC0MEZ		K8ZIZ
WK7G	156	150	KC8TMU		LY3W
WQ7F	K2KJ	N9LAH	KJ4KVC		N4DB
163	K9OHI	VE3OAT	N1EN		N8XE
K2JF	N3RN	W7APM	N3VOP		W6BXQ
K2YSY	N9KO	149	NJ0U		WB8BZK
N3FX	VE7VDX	AB6CF	VA3FLF		WW2DX
N5XZ	155	K4SAN	VE3KY		XE1H
162	AE4M	KK9H	W4TUN		134
AF4GK	CT1BWU	W3UA	W6DQ		AB1NS
K0QB	K3TD	WB4VHF	WA4KXY		AB4GE
KA1R	K6XN	148	139		C6ABB
KD4TDI	N7AU	AC0DQ	IZ8FFA		GM4UYE
N5SIX	N9OBE	AG0A	KC7JPC		KE5FXE
W9JJB	TG9ANF	K0RU	KU0G		N3AIU (DN70)
			N7T		N8GOU
			NA2AA		W4TKI
			NZ6N		
			143		
			K0KVR		
			K6JBH		
			K9QFR		
			KB8RJS		

WA3WZR	K0KD	124	UR0MC	117	K3DQB
133	K5QWO	K0DLW	W8DN	AB5J	KD4BPZ
KA5ETS	KC8KSK	KB0HH (EM06)	WB9TFH	K4WS	KD6VCD
KC1RET	KF4NEF	KD5FTD	120	N4USG	KM5OL
KE1VT	KM5LY	KM1C	EA1YO	N5JEH*	N3JDQ
KM8V	KM5SC	KT5MR	K2CYE	N5LPT	N4YCI
W0RT	N9WBR	N0SL	K4AU	NA7L	N5YK
W4GE	128	N9AZZ	K4CGY	NU6V	W0BM
WI5D	JR2LJO	PV8AAS	KD0R	W6WE	W8MSP
WW7Q	KC7QAG	W0PE	KD4MZM	WA1TBV	W8VW
XE2O	KJ6SDF	W1TAM	KD5BRF	XE2PXN	WD0ENC
132	KN4DMN	W6SCQ	KE4SCY (FM06)	116	112
AB3CV	N1SFE	W7YM	N3YPJ	IK7EOT	K2MLS
IC8TEM	W0WT	W9CDL	VE1JC	K4RGN	K3GD
K5VG	W5DM	123	VE3XK	KI6QDH	K5WTA
KW4G	W5ZO	AC7AF	WA6RAY	KU5B	KA7T
N4PPH	W8FR	K9SM	WD4OHD	N0VR	N5HMH
N7TP	WB2WEO	KB0GT	119	N00B	W1TR
N8IK	127	KB0STN	AE5AU	W0DHB	W5DQ
NE1I	AA9RK	KG6DHQ	K0AWU	115	W6OAT
VE3TM	K3GYK	VE3TG	K1ZN	K9MMS	W7IV
WN6K	K7UV	W1HS	K2SQS	KE6TVM	W9PN
131	K8AC	W3SE	K4MSG	KF0QS	WA8TWM
JR1BAS	K8OS	W4PRZ	K7JIZ	KF9AF	WG3K
K3NAT	KB3OZC	W5EWF	KF7PCL	KM5FA	WX3P
KG9R	KB9TLV	W7MHW	KP3V	N7VGO	XE1GK
N2CJ	KC0RQH	W8BI	KT0P	UW5ZM	111
TF3JB	N6UTC	W8KHP	KW7N	VK9DX	N0SLT
130	VE2JWH	WA8WV	N4UPX	WA3BZT	PC3T
AB0X	W1FLD	WB2RVX	W0QC	WC7V	W8GBH
JA3LZS	WA6BIL	122	W4SW	114	WZ8P
K0GUR	126	K7AED	W7QQ	AC8HU	110
K4JKB	KJ7G	K7OGW	WI4T	K2RET	EA4DEI
K8LG	N0BDS	KA9JAC	WM9M	K3RTU	G4BWP
KC4NX	N7DGI	KB4UF	118	K9AAN	K5KR
NG9R	WB4HUC	KB5WFE	J68AS	KC4GCK	K7LD
NO8D	YL2AO	KC5UGX	K4AZV	KG9Z	KD5J
VE1DX	125	N5HYV	KA4LBD	NF8M	KI0F
VE2TZT	AA7DK	VE6PY	KF6MXK	VE1WOW	KP4JRS
W0PHX	K3PU	VE7JAC	KI7BP	VE3IRR	KQ4LA
W2LES	KC5DRI	WD0GTY	KT8X	W2JLK	KX5U
W3FEY	W2AJM	121	KW4BY	W2ZQ	N5TIF
WA2SEI	W3UQH	AE1P	N1QDQ	W4ALF	N5YM
WB4YDL	W4DFU	K0MFI	N3JNX	W4UFO	W7JET
WW5W	W4DFU	K4HBI	N5EIL	WO2C	W7UP
129	WA6POZ	K6USY	W2AC / WB2ABK	W2AC / WB2ABK	109
8P6ET	WB4OMM	KB2WAL	WB2KSK	113	AK6ZZ
JF4VZT	WE1P	KB5MH	113	AB4PM	IW1ARB
		KE4JFS	AD5MD		K2DSW
		NE0P/9			

K2JGL	K7JE	N0STP	KE1AU	KB9ZLB	NI5W
K2OO	KB0TIJ	N1LDY	KJ4M	KC2HLI	NS2P
K5DNL	KC7ICM	N2FBQ	KR5V	KC8CC	VE2HAY
K9GY	KE5JXC	N3UPS	N1HOQ	KC9CMT	W2HOG
KE6GLA	KJ6MBW	N7AGF	VE7ZD	KD3SW	W2VU
KJ6CA	KK2DOG	NJ1H	W4RVZ	KE5CVM	W5JLC
KZ7N	N0RQ	VE2PIJ	W5DPT	KF0Q	W6TJU
N8TMW	N1USB	W1TE	W5OV	KG5X	WA1LAD
N9TTX	N2IPH	W1ZE	W7UT	KJ5OA	WA5TRX
VE3AAQ	N4CE	W4KVS	W9NFL	N3TBB	WB5NHX
W0YJT	N5FPW	W6ZQ	WA8EQP	N4NIA	WB7VVD
W1OP	N5YHF	W9EBK	WB5FDP	N5RZK	WK5X
W4ZRZ	N8HM	W9MDB		N5XTR	WW2R (EL09)
W5MPC/1	N9XMU	WB2VUO	101	N7EME	
W7RJR	VA3OKG	WB8BZK/VE3	AE7V	N8COP	98
WB6YIY	VE3AJY	WL7OU	K0IN	N8XS	AC2RL
WB9W	WB6VYH		K0SBV	VP2MRM	AD8Y
	WQ9F	103	K0WJ	W2CH	K0KC
108		AA5CK	K2NUD	W4/KL7GLL	K0UD
CF3VRQ	105	AB0YM	K5DWI	W4OZK	K3IXD
HB9BZA	AC4Q	AB5SS	K5HX	W8BZY	K3QIA
JA9IPF	DS4EOI	K2OY	K7SYS	W9DQ	K4OP
JP7EIP	K4SJA	K4MVL	KB1JDX	WA5TLP	K5HOB
K5OPB	K9MAL	K8ZEE	KB4KBS	WV9E	KA1EKR
N3MWQ	KB3JGS	KA1W	KC6AWX		KE4LGL
N5DD	KC0JYT	KB0FHP	KC8CSD	99	KG4YOU
VE3SUB	KC4KK	KB2SGX	KG8WB	AB0SD	KG7E
VE7IG	KF4DGS	KC9FFV	KG9IL	AB3TM	KJ2G
VY2RU	KJ7TH	KF0AIJ	KL2R	K0YO	KK0CQ
W4AMP	N4NQY	KF4DVG	KR4WM	K4KEW	KY0Q
W4CRN	N5SAN	KR4NO	KR7LD	K4WQ	N0JJQ
W5AAJ	N7YY	N0YXE	N1IX	K4ZO	N1JHJ
W8EH	NE9O	N1JIF	N4AOE	K5VPQ	N3LRP
W9VNE	PU4JOE	NF6P	N8VEA	K7DD	N5TEY
XE1R	VE3VRQ	NN2D	N9DVS	K7PAP	N8AID
	W8MIL	VE7DXG	ON9CMR/W0	K9ZZE	NO5X
107	W9RVG	W0TF	VA2LGQ	KA0ZEE	NO8R
JA3EGE	WA4MYO	W3LEO	W4LLP	KC2IEB	VA3VF
K5UIC		W6IT	W5KBD	KC6X	VE4XTZ
KF7PG	104	W6XU	W7ISG	KD4MWO	W2KRP
KI9A	AB9YC		WB8IMY	KD6RUH	W6TE
KK4LUM	AC5K	102	WD5IYT	KG9AP	WA2FGK
N3TTT	AC5RN	AA9MY		KR4UA	WA3TLT
N9OI	AC9QR	AB8JH	100	M5MYH	WB1GQR
NF0T	IK4DRY	AD6KH	AC0FT	N4FV	WB2YDS
US0KW	K5PPP	K0HAQ	AI2S	N7HRT	WD0E
W2TTT	KB9RNO	K3HW	AI9U	N7JPF	WH6LR
WB4PPW	KC1LXO	K9AM	K2UA	N7TE	WT5H
	KC2TR	KA3ZLS	K4UQC	N8GHZ	WV5Y
106	KD9GKL	KB8CR	K5GM	N8YV	
K0MEI	KJ7OG	KC6WFS	K5KV	N9MKC	97
K5BJW	KM6WXB	KC8DMN	K8IJ	NB5R	AB8M
K7BWH	KO4LZ	KD8NYO	K9CC	NH6CJ	AJ9C

K0HB	KB8PNS	N9LJX	N5ZMP	N4GOA	W8JV
K0JQZ	KC0HBP	PY2KP	N6HY	N4YHC	WA3JKB
K0QEI	KD6PY	VA3KS	N6MXU	N7EGY	WA4EEZ
K0SH	KI5TE	VA3PZ	N7NH	N7JI	WM3O
K0YQ	KM2O	VE3KZ	N7UN	N7KSI	
K3HZO (FN20)	KM5NU	VE3SPW	N8WWM	NA9D	91
K4GTR	KR4EE	W4YZJ	N9DD	VA7QI	AA0CW
K4JQU	KS4V	W5ADA	N9UNX	VE3WMD	AD3Y
K8XF	KT5RR	W5CBF	VA3MA	W0MHK	CO2WZ
KA2BSK	N0WVU	W5RCQ	VE3RX	W2VTV	K1UR
KA7EII	N2LID	W7JWC	VE5MX	W3ZGD	K4SPA
KC0YBM	N2VHZ	W9SX	VE7AB	W4GPM	K6YK
KD5CKP	N2XK	WA2ONK	W2GR	W4VG	K7HPN
KF4KSN	N8PAQ	WA3I	W3IPA	W5DMT	K8OI
KM4NYI	N8YBY	WA4WR	W3TA	W5DWA	KB2YWU
KT5WB	NT2A	WB2SIH	W4LNG	W7EIR	KB3IAI
N1VMJ	NW5Q	WD8DOT	W5ODD	W7TRX	KB3NDS
N3UMA	NY2Z	WS4S	W5PUF	W9IFW	KB7AZ
N4BH	VE2DCP	XE2AT	W7NX	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	WA3EEC	AK8CW	93	K1EY	KI5BLU
VA3FIN	WB0M	HK4SAN	AG2A	K5GDX	KM7N
W3QT	WB5KJE	IK8YTA	AG6CV	K5TDA	KM9I
W4CWA	WP4LNY	K0ARM	AI8F	K7FU	KQ6K
W4DAS		K3BEE	K0IW	K7HKR	N3PPH
W4ID	95	K3TUF	K1PTF	K7UWR	N3WCM
W7DN	AB9AI	K4JRK	K1ZK	KB0PQP	N6DW
WA6OSX	AE0G	K4LDC	K2AK	KC4JNW	N7CZ
WA9LEY	AE5EO	K4NNX	K2MTS	KD4QMY	N8DEZ
WB8RVK	K1PNQ	K8GT	K4DAM	KE4WBO	NR4J
WB8ZTV	K4ED	K9DOG	K5TRI	KG4URP	NU4N
WB9PNU	K8KFJ	K9SUL	K6RM	KR7X	OE9KFV
WE8L	K8ME	KA2F	K7IP	N2SG	VA2BBW
	K8VD	KA9UVY	K7TRK	N3GH	W2SUB
96	KD7WH	KB7AK	KB0USF	N4VN	W4MLN
AD5OW	KD8DR	KC0AUY	KC5TGT	N5QO	W5KDA
AE4TQ	KD9ZR	KC3AK	KC5TT	N6FD	WB0NRV
AK4F	KF6XA	KD4VRZ	KC9TTR	N6RPM	WB7X
HB9EFK	KI0SK	KE3WM	KC9UL	N7DED	WC4V
K2CK	KW9U	KF0LA	KD0QG	NS6E	XE1GZU
K2UF	N1XK	KG4NLZ	KE6AZX	UT5JAJ	
K2UNK	N2SLO	KU4JZ	KE6UMW	W1PV	90
K4EQH	N2WLS	KV3W	KE8RPJ	W2ACY	AA0LM
K5CRJ	N3WAV	N0LNE	KI0J	W2CVW	AB4WL
K8EMR	N4ET	N0LP	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

K1KA	W1HY	WV8O	KC0V	82	78
K3CWF	W2JEK	XE1SOV	KE4DRF	AD4IE	K2QPN
K3UAL	W2OK		KK4AND	CB0ZA	SP5QWB
K4AAP	W4ZMM	87	N2RJ	K3RJK	TG9AWS
K4FTP	W6VNQ	AC0A	N4LS	K4JMX	W4NE
K4XZ	W9HT	AG4I	NJ1Q	KA5WSS	
K8EAB	WA7SDI	K4JC	VE3GFN	KC5YKX	77
KA5TJI	WB3IAL	K5UZ	VE7DAY	KG4KVZ	K1IFJ
KB5FHK	WM6Y	K5WO	W1WV	N1SF	MI0AYR
KB7BSA	WQ5C	K6UIP	W3STU	PU8TEP	
KK4DZP	WR5AY	KB1VUN	W4IT	W5DAS	76
KW3DX	XE2NL	KC8NAH	W4RA	W7YOZ	K0WYN
N2ULL	XE3DX	KE6WOX	W6ST	W8GG	K6MAA
N4BRF		KI6RRD	W7SIR	WA2ONG	KI4CYB
N5BA	88	N0ELA	W8DQ		KI7WXP
N9JJ	AA4QE	N2CJN	W9QY	81	N1GNB
VA3XOV	AE0DX	NA5DX	WA4WKL	AB4I	N2MH/4
W9CPV	AE4OF	NE5S	WD4LSS	DF3CB	
W9CSY	AF4MI	NI5F	WF4R	KE4DZU	75
W9HBH	K1RS	NN7RM		N6MM	G4RGK
WA2BEV	K3TN	W8GOC	84	N7NEV	K3PP
WA8OJR	K4XD	WB3IGR	CT3FT	NI4Y	K6VHF/HR9
WD9HCF	K7CTV	WB8JAY	K4EZY	W3MC	K8QM
WE7H	K7WV	WF4W	KE6NDG	WA4ZXV	N5GH
WEST SEATTLE	K7ZTV	XE1RBV	N1KI	WA8ZNC	NP3YL
WH6LE	K9JF		N2NWS	XE1EE	W4LVH
WT4C	KB2KIR	86	VE2WBK		W5UC
XE3/K5ENS	KC1GWX	AG1T	W8PU	80	WP4NEG
	KC3MLC	K7FB	W8SGR	AC6BW	ZL3AAU
	KE8UM	KA9OKH	ZS6NK	G4FKA	
89	KI2D	KB7JJG		K7FR	74
AB1TZ	KI4RFM	KI6HQT	83	KE4PT	AK8B
AG2AA	KJ4KW	KN4MMH	AA6E	KR4Q	CX4AAJ
AG7NR	N0OK	KP4TB	AC9GK	KW1DX	KF2TI
G4NBS	N1CEO	KT1R	DL5XJ	N2NS	LU4FPZ
JQ1TIV	N2MKT	N2NF	K1LH	VY2HF	VE6SO
K4BMM	N2ZN	N3MVF	K4SQC	W5TTY	VK4CZ
K5CX	N4CAG	N8TFD	K6JJ	W7AM	WC6DX
K5JAZ	N4GN	NZ3O	K8SIA		
KA0MWA	N4KIN	SV1RK	KB3HHA	79	73
KF4TVL	N4UC	VA3MDB	KB9LIE	K4RW	JF1IRW
KI0G	N5VBK	VA7LM	KC1UYZ	K5JBT	VP2MJD
KI4FW	NS3X	VE7IRU	KK7BV	KB4DSL	W4WT
KI4US	NT4TN	W8IW	KU4WW	KP4N	
KR4U	VE2VLJ	WA1PMA	N6KTH	N2COP	
KT3X	W2BZR	WB4GCS	SV2AEL	N5YJZ	72
N2GZ	W3YX	XE2AU	TG9AKH	N9RC	N4II
N5KAE	W4DL		W7USB	VE3CFK	PV8ADI
N8YSZ	W4R XR	85	WD6T	W2GW	
N9RG	W7HDD	EI3IO	WD9IOK	W2SKI	71
N9UDX	WA2BTR	K1UU	WI6Z	WN0L	K0GW
NE2U	WA5MD	K4LRP	XE1MM		K4GK
VE3VCF	WK3N	KB3MXK			K5WPN
W0HRO					NP4TT

W2YR W3FGP WC5M	N6ZDH	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	25 EA4/K1WE	W0JMJ
70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK US5WE UX1UA		35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO	16 N6VHF SV8CKM TI2CDA
69 K3WGR W1YM WD4LBR	60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM	23 GM4ILS K4SLC KP4EIT W8MK	15 9K2BM EI2GLB HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C
68 AA4S EH7CD K6CF KJ7TEA KW4OV	58 HB9BIN KC6NBI SV8CS WA2MUA	45 JA6WJL K4TXJ	33 W8GC WB4SON WB8TGY (EN72)		
	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	44 WO3T XE2YWH/1	32 DM2RM N3LRH SM6WET ZL3TE	22 9H1SP IZ3ENH OE3SGU	14 EA8MT HB9FMN JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY
67 JG2TSL W7YED		43 8P6SH CT1EEN HB9RUZ K4ZIN	31 K7TM	21 EA1YN	
66 K6KLY KK4YEL	56 KI5WA LU8ADX NI6T	41 E75AA N6PAZ	30 E72X JL3LSF JO7WXN LA6OP WA6DNR	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	13 K4WY PY2MC W4PWF
65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA WA2EMF	40 JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE SP5APW	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW VE3LYC ZS6WB
64 K3BQ WD5GRW (EM137PC)	53 K0BBC K0PCZ	39 AA5PK YL2JZ	28 CT8/K0RUI JA6CRP K0FMI OH3DP		
63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	27 E70A KC9ELU WP4NIX	18 AJ6V HL4GAV KJ4EU W0HBH	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV
62 HB9ALO IZ8EDJ K4DXA	50 N8MR	37 BA7NQ HA5PT HL4CJG JA9APS JH9DRL	26 DS4AOW WB7QXU	17 G3LZQ PY2XAT SP5XMU	

PY2GM	EA1AAA	SV1VN	DS5TOS
	EA7ZY	W1CBY	EA3WD
10	IK8GYS	WD9EWK (DM43)	EA4GQS
DL4CF	JI5USJ	YB1TJ	F1VEV
HB9BOS	JJ1IDW	YL2CA	G4CFS
JI2UDK	KB8VAO	YL2MU	G4VSS
PA5KT	M1VPN		G6MXL
SV2DCD	MU0GSY	2	G7SQS
TF3Y	OK1IN	5B4ALJ	G8TTI
UR7DWW	ON5UE	6K5XZE	IK5BSC
	PP2RON	9A2GA	IW0AFS
9	SK6QA	9K2NO	IZ0BTV
DL7BA	VE2NGH	BV6CC	IZ2CSX
EB1EWE	VR2XMT	CO6CBF	IZ3DBA
EC7ZK	W1ZR	DF3VG	IZ5FSA
G6BFP	W2ZF	DF8FT	JA1GZK
HB9GWJ	YL2CZ	DK1CO	JA7DPC
IK3ITB		EH4BPJ	JA7VXB
JA1MZL	4	ES8JX	JH8XVT
JA2FGL	CT7/RC2A	F5TMJ	JI1HNC
JE1LFX	DD6UAH	G0THY	JJ1PFC
KD3UY	EK/RX3DPK	G4DDL	JL2ULM
S51NM	F1DFR	G8GNI	JN3ONX
	GM4CFS	GI4ONL	KC3KJQ
8	GM4KHE	IK1IYU	KG4JSZ
DK2LO	IV3GOW	IK2GOQ	KH6WI
JA1CPU	JG1JPE	IZ8XQC	KP4DER
JE3PCP	JH7IMX	JA6AVT	MM0INH
JJ2NWI	JH7IPR	JA6SZV	OK1UU
N8RO	JK6DXD	JA9FAI	ON6NA
OH8LXT	UT5EL	JH3MHI	OZ1IKY
	VK4ZP	JP1HDK	PU5SVE
7	XE1SAX	K4KZM	SM3GBA
DH0GSU		K7LY	SM6LPG
G8APB	3	KEN IN NEBRASKA	SM5NRY
IZ0INX	DF1ZN	LA2CQ	UN8G
JA2NDQ	DJ5AV	OH3KAV	UR5EDX
LA3DV	DL2KQ	SV1XV	VR2VGM
N5ORT	EA1AR	SV3FUO	WB7VUF
NJ4Y	EA4D	YB2DX	YO8WW
UR5FEO	G3LHJ	YL2KF	
ZS4TX	HA9PP		
	HL2ZN	1	
6	IK0WRB	3A2MW	
CT2FEY	IK8EPC	9A2EY	
DL1TRK	IW3GJF	AJ6T (EM66)	
DU0A	JI1CHH	BD4UJ	
EI2JC	JM1GHT	CT1AHU	
JA7NGE	JN1BPM	DH8BQA	
PY2VA	JR6IQI	DJ3ZF	
	KC0Y	DL2DCX	
5	PY5IP	DL4ZAB	
DL5LH	SA7CJO	DS5DNO	