

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 (04 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	452
AA0MZ	W0LGQ			KB9OWD	N5BO
AA5AM	W3CP	485	477		N9BX
AA5C	W4UDH	K0TPP	KC7V	463	NE1B
AA7A	W5ADD	K9MU	N5KO	K4MY	
AI5I	W5AFY	N0POH	N7ZO		451
K0GU	W5AJ	W5VY	NC6K	462	K5WBM
K1TOL	W5EME	W5ZN		K6ZH	
K4PI	W5FF		476	N6ORB	450
K4XO	W5KI	484	KC7QY		AJ4F
K5RK	W5OZI	AD6D		461	KF8MY
K5UR	W7GJ	K7BG	474	N4JQQ	
K5WE	W7JW		K7KQA	NA9RB	449
K7CW	W7KNT	483	W6XK		KF6HI
K7ULS	W7MEM	AC0RA		460	W8TN
K8SIX	W9FF	K1USA	473	K4SO	
K9CT	W9JN	W0VTT	N4TB		448
KA9CFD	W9RM	W5TRL	NQ7R	459	KP4AJ
KA9FOX	W9XX		WB0O	N5NA	W3LPL
KD5M	WD5K	482		XE2K	
KG5CCI	WQ5S	K0BJ	472		447
KM0A	WS9V	KX4R	AI1K	458	AH0U
KM0T			KB7ME	K9NW	K3SX
KO9A	487	481	WD8JJA	KG5THG	K4HB
KR7O	K0SIX	W9VHF	WE9R	N9BCA	KS7S
KV5W	K1TO	WA7HQD			N4SC
N0LL	K7MAC		470	457	
N0LWF	K9YY	480	WO7R	NI0G	446
N0PB	N0AKC	K5GZR		W3UR	K1HTV
N0TB	N7CW	N4WW	468		K6EID
N1AV	N7IR	WB0ULX	VE3EK	456	WB7CJO
N3SL	N9ISN	XE2OR		N4QS	
N3XX	NA6L		467	N9PGG	445
N5DG	W3IP	479	N5EKO	W5THT	K4XP
N5OMG		N5WS			K7PI
N6JV	486	W5WVO	466	453	KU7Z
N7NW	K5ND	W9RN	KA0JGH	K4YMQ	N8OC
N9LB	KY7M		KB6NAN	KB9DAK	
N9UM	N0KE	478	NY0V	W5XC	444
ND0B	N7KA	AD1C	WB9CIF		N7BAV
W0FY	WD5COV	AE5B	WX7M		

443 AB4IQ K8ZM N4MM WB8ZBT XE2X	N6KK 431 K0TLM 430 K1TEO N5TJ 429 WA5JCI	416 K4RWP K7ND KO4MA WW1L 415 K5OMC K7AWB W0GJ 414 K0DEQ N0GZ ND4X 413 AE5FM WA9LFO 412 VE2XK 6M FN07PJ	NE9U W0MU 404 AA1ON N2ZX VE4EAR 403 NH6T/W4 402 K3FM K7SMA 401 K4CKS 400 W0JRP W3UUM	391 AD5A W4AVY 389 AB4SF 388 K0IP W4WRL 387 KV4T N4CH 386 N7IJ NN4R W5TFW W7AH WE4S 385 NK1K VE6MB W4WTA 384 K8ROK W7FI 383 K10E 382 K5PI VE3YXO 381 AG4W W3VZ 380 K7MCX NE6I WA5LFD 379 AB9BH KZ2I N8WNA W6TMD	378 WR7X 377 AB1OC NT9E WA1NLG 376 K8GI K8VFX N2WK N3OC 375 K6QG WB4OQX 374 KV7K N6GP N7DB 373 K4SSO NY1V 372 JA7QVI W5MO 371 N3PS WA6BYA 370 K5TN KN4SM KS4YT N3MK NT0V 369 KF8UN N2DPF 368 K0DD KB0V W5RCI W6GMT
442 N2QT N4TL 441 K8TB K9KLD KD3CQ WA1EAZ 440 AG9S W2IRT 439 WA9DU 438 K9MK 437 K5RT KK4MA 436 N4QWZ N9FN W3TC WB8ART 435 KF6A NA6MG 434 K1SIX K8ROX KF0M 433 NM5U W3LL W9WO 432 K6GXO	428 K9APW N2NL 427 K4ZOT N4LR W0RH 426 K5XI K8ZR N5OK W5JAY 425 K6ML 424 N4UFP N9AKR W3EP WB8BPU 423 AJ4A W4DR 422 VE6WQ WB5JID 419 K7NN W0GN W5AL 417 NJ6D	409 N5SYV 408 W7BA 407 W4AS W5CIA W5PR 406 AK3E K6FG K8EB N4UFO 405 AA4SC K3FRK K5CKS	398 N8IEZ W1NG 397 K8JH 396 K6VHF KB8U 395 AA5XE K0AZ KF7CQ WB4EVH 394 AA5JF K2TER KT8O N1EVK 393 K1GG K7XC W4TV 392 AF4HX W6OMF		

367 AA4ZZ KC4HW KR4BD W7YAAQ	354 N3AIU (DM45)	341 KD7DCR NX7U WA7YAZ	333 KM4HI KN4NN N0IGZ W3GQ	NG7M W7JLC WF7T	NY2NY XE1AO
	353 AF2K K0CS	340 KE4TH N0AN		325 WA2AEY	314 KU4XO VE3XN
366 KI7JA	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
365 K4JJW K7XB KG7CW W4FC		338 N9JR NA5Z VE3SXE W9XA WA5KBH	331 K1GJQ K8WDA KC0UDO N4MW W3TI	323 N8II W8KEN WO2T	312 AF6O KA2GOJ
364 AB5EB K0RAR N6QQ	351 AA4FL K5DTC				
363 W4NH	350 N6VI N8YO	337 K8ZES NU6S W9EWZ WA5RT WW0E	330 KB8MBC KG6AY W8PI	322 N3ALN VA6SZ	311 AC9S KM3T KS4XQ W2BZY W5DB
362 W1JR WA5OLT	349 KA0BAD		329 AA1QD AA8SW N2JJ N8HRZ W2OR W8WG W9DCT WB4KTF WX4G	321 NC7B NS4C W9VA	310 N1NK NJ7G W9KVR WO4DX
361 K8BL K9NR N1KDO N7MB N8KOL NG4C NI0P	346 W8LMG W8OP	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA WO9S		320 N4DW	
	345 KB1EFS VE7BV W3XY XE2YWH			319 KF2T N7US W4ER	309 AA4LR
360 AA4FF K6UM (CN85)	344 AC9DX K6FW KB0PE N9XG W1OW	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX W9GKA WA7PDC	328 K6ME N5PT W2CNS WB3LHD	318 W4HY	308 WA4HFN
358 K5RLA K6EME KG8P NK0S				317 KA8SYV W1SKU W3HDH	307 K1ST KE5K W3ATV W9RPM
357 K4LVV	343 AB4EJ K5EK N3RC N6KZ N8LRG W2HRO	334 K0OOK K3TRM N4UFO (EM95) N9DR WB5TOI	327 KJ5RC N0YO W2JU W7YA	316 K3FN KA0ABA W4UCK W9BWR	306 K4QE K6RO N0LD WB0OQV WV9L
355 KD5XB			326 K2ZD K6LMN K6TDI	315 K5VH	

305 K3VAT K6UM (CM88) KT1J WA9M	N9LF	287 K8DP KC7MRQ N8CGY WA4NVM	K3JT K3WA KV7N N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R KK0DX N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW VE6TA (DO33)
304 K6IPF WA0GUD	296 JG1TSG K4XR K6YUI KC7RW	285 K5CZD K9UO XE1YY	277 AC7JM NS4T PV8DX	268 K6OJ N9ZTS W0KAN	260 K6JAD N6HC NT7C XE1YD
303 EA8DBM K8TGC K8TL N7LAN	295 KE4P N7NT	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 N5OHL 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		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	281 JR1LZK K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV	264 AC8L K4JAF K5KEW N0TK NF1O	256 N8ZJN
	290 JE1BMJ WA8EFK	280 N0KV NM5Z W1FKF	271 K7NII KB7FUV KM3V W3HHN W3SW	263 AK4PR K9AAA WB7QBS	255 JM1IGJ K8MVZ KG4JPL NI3K W0NOZ WA8KNE
298 AG1A KD4WSC N4IQ	289 K4MM K9FA N5BCA N7RO NQ7G W4LTJ	279 AA8MA N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD N2LIV W4QK W5DNT W7JY WZ9B	262 K3CWH KD8JSP N4ST ND4DX WA0KBZ	254 N7QOZ
297 KE8Y N8YQX	288 K1NU N6AR W1DU W4HLR	278 AA9D AJ4W			

NR0Q	245	237	KB9RUG	K2TV	N6KW
VE3OTL	N1IA	K3KO	KD5IKG	K3AJ	214
WD5ITW	N3XF		KE4UW	KA1LMR	KB9PJL
253	VA3CW	236	N4NX	KD4K	VE3SYK
KG4ERR	244	K0SU	NN5DX	WA2BOT	WA7AJ
N2XQM	AA9RR	K4NK	W5LUA	221	
252	K8DV	KB1HY	228	K5WMH	213
AB5A	N3AIU (FM08)	N3FTI	K5RUS	K6CQR	K3DFL
CT1EEB	N4JRY	N9ATD	K7HSJ	N0PSJ	KI6X
F4BKV	VA3ZV	W5AJX	KF2ZQ	N4ION	W0NBC
K1ACL	VE3VHB	235	N8AIA	N5UWY	212
K3NK	W0VD	ND0C	W5HEZ	W4IFI	AB5C
N9ATF	WD4IXD	NN9X	227	W5JMW	JF8QNF
NN4RR	243	VO1GO	JM1SZY	220	JR3REX
VE6NTT	JA1QJI	WB6RJH	K3HPA	K7BTW	KF7NN
251	K3TC	WT2P	K8ZT	N7XCZ	N1SV
AD5JK	W4EJ	WZ9W	K9TF	219	N2OA
HC1BI	YV1DIG	234	KS9A	K1DT	211
K1NJ	242	KE6FCT	W4KXY	K2RKJ	K9FOH
KG7NV	AE4WG	233	XE1GLL	KE5RV	NE8S
NN4SS	K3WW	K1AFC	226	W6DPD	VE3SMA
250	KA3TCC	N5PA	AF5WN	W7ZSL	W2ZDP
AA9LC	241	N9NJS	GD0TEP	WB2WIH (FN20)	W5HNK
KL0S	N6NU	VE7VZ	N7CNH	218	W6AER
NW6R	W5LO	W3DF	N8UR	K1XH	W6KAP
249	240	W8PAT	NM5S	K4IJQ	210
CT1IUA	AB5GU	W9TD	W0VX	K5HPT	K3MSB
K7LOL	KG5EIU	XE1L	W8RD	KB8KVJ	K9YC
K8AO	KI0HA	232	WQ6Q	KC0VDY	KL7NO
KQ5U	KK4ZUU	K5FO	225	NA5C	N1TQ
N1GC	KO6LU	N0FJP	AC9O	217	N6UK
W2LV	VA3HP	N9NJY	K9QJ	ND4V	WQ9T
248	W1VT	231	KX9X (EN50)	W4DEE	209
K1ZZ	WA2VJL	AI9L	N2WSY	216	AA4IB
W6VFA	239	K4MIJ	PV8AZ	K7RB	W5WGF
247	K9MQ	K5VR	W8AKS	N0IS	WA4NFO
W3TEF	KF4LVF	K6HEW	WN6W	N6PM	XE2N
246	MD0CCE	KF6GYM	224	NE1F	208
JA1UAV	W6RW	W9XT	IT9IPQ	W4HFZ	AI2N
K0DAS	W9YOY/M	230	JA8ISU	W5RWF	CO8DM
K8YC	WA3SEE	K1ZE	NJ8J	WA2OTC	KD5HIO
KK8X	WB1FLD	KO4MM	223	215	PV8ABC
N5TIT	238	VA3XJ	K7UA	AL7OC	207
W4FRA	AA3GM	WB0WAO/8	NJ7A	K2SX	N1BCL
WI7P	JP1LRT	229	222	KI5FJ	N8NJA
		K6RG	K0YY	N2YU	

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 197 K3EGE N4BAF W3TW W5CTV 196 K0AIZ K0NR N5DUW W2AMR XE2ED XE2W 195 AA4W JA7MSQ K2WJ K6VDP KG6WIK 194 K2MRK K3EA N3FA N9NFT WF1H WK8A 193 K7PT	K9AB 192 N1LF N2NB N3CAL N3NR N4LXB N4TV W6MTR W8FN 191 K0ITC K9CS KK6OH N9AMW WA2BKN WA5CAM WD4JHD 190 K5DB K5ER KC2DLD KK8MM N5SMQ N9UA W1ATV W2OO WB0DBS 189 KC0MEA WA5VKS 188 AD7KI KD4HLG W4AZR WA7VHF WU9Q WX9M 187 AA8R KD3HN KQ0J 186 DJ5FI K6ZZ K8PT	K9SG KN4PPD KN7K N0XLR N6ZE 185 AD6W KD5BQT KU4UC NA2R PY5CC W3OU W5BPT 184 4O3A AF5Q K0DEW KR4M N1IBM N4BG 183 K5RQ N0UBL W2UDT 182 AJ6T CM87 FP/KV1J K5GMX K8WK NZ1I XE1CL 181 AB9FN K4CMS K5HDE KB8YKR N3XJX N4DTF N9MSG NY0A W4RBO W9BS WJ1B 180 K0OST K4LYN KC1MMC	N1RK N6PEQ N6VH W5HI 179 K1EP KU4WD N0LIE N0MMA NH7RO VA3DPB W8LHP WA4QMQ 178 KA2AYR KB0EO KB1RZA KG5RJ N1ZUK NQ2O VE3NRT W0ZY W1MAD W9JJ WY7FD 177 AG4ZE K2QQ KI4BWW SM7FJE W5ZG WA8UEG 176 AD5ZA EA5BY K0DI KX9X N5QGH NP4BM W5AFD WA5IPS WW2R 175 PV8BR 174 K3MD K6WRL	KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI 173 K2ZZ K5YPV KE4SCY 172 AB9KZ K5ZED KI4PKW KJ6HI VE2PN W4ABC 171 AA4PB HP2AT KC5GSK KC5YCH KI4TZ NS3L W1PX W6IA WA2KBZ 170 K9TVG N4GBK N8CN NA2U W1MJC W4IHI W4JKC WK3V 169 K6XC KD5OMJ N2BEG N5XES N7PHY NY4I VE3HHT W8KNO
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168 KG5ZMQ W2PD W8WEJ	WB0WAO	154 AE4NT KB9VMW KD2NF W3ZQN	N1TOR N5ZBI W6VNI (CM88) WB6RAB	W0UHL WB0MMC WM5H	138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH
167 K4MQG KB1YNT KE5EP LU4FW N0NHW NO0T TG9ADQ W1BAT	161 K4EA KB3CWQ KK9M 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 W5SWV WA5TKU WS4V	137 N1SZ N5JGK SM7AED
166 JA1OVD KC2GHT N5VU NC4RY VA3WEB WB4KXS	160 AB1QB JA1AFR K5IQ		146 K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX	141 JA6RJK 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	159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT	152 AA6I N0RC N1NUM N2WM NU1T UT7QF WO4G	145 KD7YZ PV8AJ V31MD VA3TTX WA4JA	140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF 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	151 KO0Z OE6IMD W1ZT W2DXE	144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI YV4NN		
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	139 IZ8FFA KC7JPC KU0G N7T NA2AA NZ6N W4OV WB2JIL WY0V	134 AB1NS AB4GE C6ABB GM4UYE KE5FXE N3AIU (DN70) N8GOU W4TKI WA3WZR
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 N0TM			133 KA5ETS

KC1RET	KM5LY	KT5MR	120	N5LPT	N4YCI
KE1VT	KM5SC	N0SL	EA1YO	NA7L	N5YK
KM8V	N9WBR	N9AZZ	K2CYE	NU6V	W0BM
W0RT		PV8AAS	K4AU	W6WE	W8MSP
W4GE	128	W0PE	K4CGY	WA1TBV	W8VW
WI5D	JR2LJO	W1TAM	KD0R	XE2PXN	WD0ENC
WW7Q	KC7QAG	W6SCQ	KD4MZM		
XE2O	KJ6SDF	W7YM	KD5BRF	116	112
	KN4DMN	W9CDL	KE4SCY (FM06)	IK7EOT	K2MLS
132	N1SFE		N3YPJ	K4RGN	K3GD
AB3CV	W0WT	123	VE1JC	KI6QDH	K5WTA
IC8TEM	W5DM	AC7AF	VE3XK	KU5B	KA7T
K5VG	W5ZO	K9SM	WA6RAY	N0VR	N5HMH
KW4G	W8FR	KB0GT	WD4OHD	NO0B	W1TR
N4PPH	WB2WEO	KB0STN		W0DHB	W5DQ
N7TP		KG6DHQ	119		W6OAT
N8IK	127	VE3TG	AE5AU	115	W7IV
NE1I	AA9RK	W1HS	K0AWU	K9MMS	W9PN
VE3TM	K3GYK	W3SE	K1ZN	KE6TVM	WA8TWM
WN6K	K7UV	W4PRZ	K2SQS	KF0QS	WG3K
	K8AC	W5EWF	K4MSG	KF9AF	WX3P
131	K8OS	W7MHW	K7JIZ	KM5FA	XE1GK
JR1BAS	KB3OZC	W8BI	KF7PCL	N7VGO	
K3NAT	KB9TLV	W8KHP	KP3V	UW5ZM	111
KG9R	KC0RQH	WA8WV	KT0P	VK9DX	N0SLT
N2CJ	N6UTC	WB2RVX	KW7N	WA3BZT	PC3T
TF3JB	VE2JWH		N4UPX	WC7V	W8GBH
	W1FLD	122	W0QC		WZ8P
130	WA6BIL	K7AED	W4SW	114	
AB0X		K7OGW	W7QQ	AC8HU	110
JA3LZS	126	KA9JAC	WI4T	K2RET	EA4DEI
K0GUR	KJ7G	KB4UF	WM9M	K3RTU	K5KR
K4JKB	N0BDS	KB5WFE		K9AAN	K7LD
K8LG	N7DGI	KC5UGX	118	KC4GCK	KD5J
KC4NX	WB4HUC	N5HYV	J68AS	KG9Z	KI0F
NG9R	YL2AO	VE6PY	K4AZV	NF8M	KP4JRS
NO8D		VE7JAC	KA4LBD	VE1WOW	KQ4LA
VE1DX	125	WD0GTY	KF6MXK	VE3IRR	KX5U
VE2TZT	AA7DK		KI7BP	W2JLK	N5TIF
W0PHX	K3PU	121	KT8X	W2ZQ	N5YM
W2LES	KC5DRI	AE1P	KW4BY	W4ALF	W7JET
W3FEY	W2AJM	K0MFI	N1QDQ	W4UFO	W7UP
WA2SEI	W3UQH	K4HBI	N3JNX	WO2C	
WB4YDL	W4DFU	K6USY	N5EIL	WX4US	109
WW5W	WA6POZ	KB2WAL	W2AC / WB2ABK		AK6ZZ
	WB4OMM	KB5MH	W2AC/WB2ABK	113	G4BWP
	WE1P	KE4JFS	WB2KSK	AB4PM	IW1ARB
129		NE0P/9		AD5MD	K2DSW
8P6ET	124	UR0MC	117	K3DQB	K2JGL
JF4VZT	K0DLW	W8DN	AB5J	KD4BPZ	K2OO
K0KD	KB0HH (EM06)	WB9TFH	K4WS	KD6VCD	K5DNL
K5QWO	KD5FTD		N4USG	KM5OL	K9GY
KC8KSK	KM1C		N5JEH*	N3JDQ	KE6GLA
KF4NEF					

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
K7JE	N0STP	KE1AU	KB9ZLB	NI5W	K0HB
KB0TIJ	N1LDY	KJ4M	KC2HLI	NS2P	K0JQZ
KC7ICM	N2FBQ	KR5V	KC8CC	VE2HAY	K0QEI
KE5JXC	N3UPS	N1HOQ	KC9CMT	W2HOG	K0SH
KJ6MBW	N7AGF	VE7ZD	KD3SW	W2VU	K0YQ

K3HZO (FN20)	KM5NU	W4YZJ	N9DD	VA7QI	91
K4GTR	KR4EE	W5ADA	N9UNX	VE3WMD	AA0CW
K4JQU	KS4V	W5CBF	VA3MA	W0MHK	AD3Y
K8XF	KT5RR	W5RCQ	VE3RX	W2VTV	CO2WZ
KA2BSK	N0WVU	W7JWC	VE5MX	W3ZGD	K1UR
KA7EII	N2LID	W9SX	VE7AB	W4GPM	K4SPA
KC0YBM	N2VHZ	WA2ONK	W2GR	W4VG	K6YK
KD5CKP	N2XK	WA3I	W3IPA	W5DMT	K7HPN
KF4KSN	N8PAQ	WA4WR	W3TA	W5DWA	K8OI
KM4NYI	N8YBY	WB2SIH	W4LNG	W7EIR	KB2YWU
KT5WB	NT2A	WD8DOT	W5ODD	W7TRX	KB3IAI
N1VMJ	NW5Q	WS4S	W5PUF	W9IFW	KB3NDS
N3UMA	NY2Z	XE2AT	W7NX	W9NED	KB7AZ
N4BH	VE2DCP		WA7LHZ	W9WI	KC5POV
N6MA	W1HMM	94	WA9BXB	WA5ICA	KC8LGL
N9APK	W3VHF	AA4RP	WT9U	WB5CON	KE1IU
N9IO	W4KK	AB4VT	WV7S		KE7RTB
N9KY	W4TMR	AD1DX		92	KG4QWC
NK7C	W7JHS	AK8CW	93	K1EY	KI3O
NU0Y	WA3EEC	HK4SAN	AG2A	K5GDX	KI5BLU
VA3FIN	WB0M	IK8YTA	AG6CV	K5TDA	KM7N
W3QT	WB5KJE	K0ARM	AI8F	K7FU	KM9I
W4CWA	WP4LNY	K3BEE	K0IW	K7HKR	KQ6K
W4DAS		K3TUF	K1PTF	K7UWR	N3PPH
W4ID	95	K4JRK	K1ZK	KB0PQP	N3WCM
W7DN	AB9AI	K4LDC	K2AK	KC4JNW	N6DW
WA6OSX	AE0G	K4NNX	K2MTS	KD4QMY	N7CZ
WA9LEY	AE5EO	K8GT	K4DAM	KE4WBO	N8DEZ
WB8RVK	K1PNQ	K9DOG	K5TRI	KG4URP	NR4J
WB8ZTV	K4ED	K9SUL	K6RM	KR7X	NU4N
WB9PNU	K8KFJ	KA2F	K7IP	N2SG	OE9KFV
WE8L	K8ME	KA9UVY	K7TRK	N3GH	VA2BBW
	K8VD	KB7AK	KB0USF	N4VN	W2SUB
96	KD7WH	KC0AUY	KC5TGT	N5QO	W4MLN
AD5OW	KD8DR	KC3AK	KC5TT	N6FD	W5KDA
AE4TQ	KD9ZR	KD4VRZ	KC9TTR	N6RPM	WB0NRV
AK4F	KF6XA	KE3WM	KC9UL	N7DED	WB7X
HB9EFK	KI0SK	KF0LA	KD0QG	NS6E	WC4V
K2CK	KW9U	KG4NLZ	KE6AZX	UT5JAJ	XE1GZU
K2UF	N1XK	KU4JZ	KE6UMW	W1PV	
K2UNK	N2SLO	KV3W	KE8RPJ	W2ACY	90
K4EQH	N2WLS	N0LNE	KI0J	W2CVW	AA0LM
K5CRJ	N3WAV	N0LP	KK7MNC	W3ACO	AB4WL
K8EMR	N4ET	N2SU	N2BX	W3HZU	AB9DU
K9OT	N5BLY	N3JBH	N2YTF	W4BP	AF5BG
KA2NDX	N5ENU	N3XBG	N3AO	W4LIA	DL1SMA
KA3HED	N5KI	N3YUG	N3ZBK	W6NS	JH4JNG
KB5GI	N9IV	N5ZMP	N4GOA	W8JV	K1HC
KB8PNS	N9LJX	N6HY	N4YHC	WA3JKB	K1KA
KC0HBP	VA3KS	N6MXU	N7EGY	WA4EEZ	K3CWF
KD6PY	VA3PZ	N7NH	N7JI	WM3O	K3UAL
KI5TE	VE3KZ	N7UN	N7KSI		K4AAP
KM2O	VE3SPW	N8WWM	NA9D		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	K0BBC/R KI5KC N6DBF NP3IR YL3HA	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG KS4YX ON6AB PA7TWO	SV8CKM TI2CDA
69 K3WGR W1YM WD4LBR	60 IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ	34 G4SEU LA2QM	23 GM4ILS HB9G 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)	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	
66 K6KLY KK4YEL	56 KI5WA LU8ADX NI6T	41 N6PAZ	31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR	13 K4WY PY2MC W4PWF
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)	12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW VE3LYC ZS6WB
64 K3BQ WD5GRW (EM1370)	53 K0BBC K0JCZ	39 AA5PK YL2JZ	29 HL2WA OE4VIE SP5APW	18 AJ6V HL4GAV KJ4EU W0HBH	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHQ PY2DV PY2GM SP5XMU
63 EA1DR HL2EIZ KB0RFY	51 CT1ETE N8OFS OH4UI VE9FCP	38 DD3KF DU1EV K8YSE VK5PJ	28 CT8/K0RUI JA6CRP K0FMI OH3DP	17 G3LZQ PY2XAT W0JM	
62 HB9ALO IZ8EDJ K4DXA N6ZDH	50 N8MR	37 BA7NQ HA5PT HL4CJG JA9APS JH9DRL	27 E70A KC9ELU WP4NIX	16 N6VHF	
61 CU3AN	48 G8BQX HL2IFR JA9KRO	36 JA1WSK	26 DS4AOW WB7QXU		
			25 EA4/K1WE		

10	IK8GYS	WD9EWK (DM43)	F1VEV
DL4CF	J15USJ	YB1TJ	G4CFS
HB9BOS	JJ1IDW	YL2CA	G4VSS
J12UDK	KB8VAO	YL2MU	G6MXL
PA5KT	M1VPN		G7SQS
SV2DCD	MU0GSY	2	G8TTI
TF3Y	OK1IN	5B4ALJ	IK5BSC
UR7DWW	ON5UE	6K5XZE	IW0AFS
	PP2RON	9A2GA	IZ0BTB
9	SK6QA	9K2NO	IZ2CSX
DL7BA	VE2NGH	BV6CC	IZ3DBA
EB1EWE	VR2XMT	CO6CBF	IZ5FSA
EC7ZK	W1ZR	DF3VG	JA1GZK
G6BFP	W2ZF	DF8FT	JA7DPC
HB9GWJ	YL2CZ	DK1CO	JA7VXB
IK3ITB		EH4BPJ	JH8XVT
JA1MZL	4	ES8JX	JI1HNC
JA2FGL	CT7/RC2A	F5TMJ	JJ1PFC
JE1LFX	DD6UAH	G0THY	JL2ULM
KD3UY	EK/RX3DPK	G4DDL	JN3ONX
S51NM	F1DFR	G8GNI	KC3KJQ
	GM4CFS	GI4ONL	KG4JSZ
8	GM4KHE	IK1IYU	KH6WI
DK2LO	IV3GOW	IK2GOQ	KP4DER
JA1CPU	JG1JPE	IZ8XQC	MM0INH
JE3PCP	JH7IMX	JA6AVT	OK1UU
JJ2NWI	JH7IPR	JA6SZV	ON6NA
N8RO	JK6DXD	JA9FAI	OZ1IKY
OH8LXT	UT5EL	JH3MHI	PU5SVE
	VK4ZP	JP1HDK	SM3GBA
7	XE1SAX	K4KZM	SM6LPG
DH0GSU		K7LY	SQ5NRY
G8APB	3	KEN IN NEBRASKA	UN8G
IZ0INX	DF1ZN	LA2CQ	UR5EDX
JA2NDQ	DJ5AV	OH3KAV	VR2VGM
LA3DV	DL2KQ	SV1XV	WB7VUF
N5ORT	EA1AR	SV3FUO	YO8WW
NJ4Y	EA4D	YB2DX	
UR5FEO	G3LHJ	YL2KF	
ZS4TX	HA9PP		
	HL2ZN	1	
6	IK0WRB	3A2MW	
CT2FEY	IK8EPC	9A2EY	
DL1TRK	IW3GJF	AJ6T (EM66)	
DU0A	J11CHH	BD4UJ	
EI2JC	JM1GHT	CT1AHU	
JA7NGE	JN1BPM	DH8BQA	
PY2VA	JR6IQI	DJ3ZF	
	KC0Y	DL2DCX	
5	PY5IP	DL4ZAB	
DL5LH	SA7CJO	DS5TOS	
EA1AAA	SV1VN	EA3WD	
EA7ZY	W1CBY	EA4GQS	