

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 (05 Aug 2026). 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	N9LB	486	479	NY0V	457
AA0MZ	N9UM	K5ND	N5EKO		K4HB
AA5AM	ND0B	KX4R	W5WVO	466	N9PGG
AA5C	W0FY	KY7M	W9RN	K4MY	
AA7A	W0JW	N0KE		KA0JGH	456
AI5I	W0LGQ	N7KA	478	KB6NAN	AJ4A
K0GU	W3CP	W5ZN	AD1C	W5THT	N4QS
K0TPP	W4UDH	WD5COV	AE5B	WB9CIF	
K1TO	W5ADD		K6ZH	WX7M	455
K1TOL	W5AFY	485			K9MK
K4PI	W5AJ	K1USA	477	465	WA9DU
K4XO	W5EME	K9MU	N5KO	XE2K	
K5RK	W5FF	N0POH	N7ZO		454
K5UR	W5KI	W5VY	NC6K	464	WB7CJO
K5WE	W5OZI		W6XK	KB9OWD	
K7BG	W5TRL	484			453
K7CW	W7GJ	AD6D	474	463	K4YMQ
K7ULS	W7JW	AF5CC	K7KQA	NI0G	K7PI
K8SIX	W7KNT	AI1K		W5XC	KB9DAK
K9CT	W7MEM	N5WS	473		
KA9CFD	W9FF	WQ0P	NQ7R	462	452
KA9FOX	W9JN		WB0O	K3SX	KK4MA
KD5M	W9RM	483		N6ORB	N5BO
KG5CCI	W9XX	AC0RA	472		N8YO
KM0A	WD5K	W0VTT	KB7ME	461	N9BX
KM0T	WQ5S	WB0ULX	WD8JJA	N4JQQ	
KO9A	WS9V		WE9R	NA9RB	451
KR7O		482			K1HTV
KV5W	487	K0BJ	470	460	K5WBM
N0LL	K0SIX		K5RT	K5OMC	KD3CQ
N0LWF	K7MAC	481	N4SIX	K8ZM	XE2X
N0PB	K9YY	KC7QY	WO7R	KF0M	
N0TB	N0AKC	N4WW		W3UR	450
N1AV	N7CW	W9VHF	469		KF8MY
N3SL	N7IR	WA7HQD	AJ4F	458	
N3XX	N9ISN			K9NW	449
N5DG	NA6L	480	468	KG5THG	KF6HI
N5NA	W3IP	K5GZR	VE3EK	N9BCA	N8OC
N5OMG	XE2CQ	KC7V		NA6MG	W8TN
N6JV		N4TB	467	NE1B	
N7NW		XE2OR	K4SO		

448 K4XP KP4AJ W3LPL WB8ZBT	436 N9FN W3TC WB8ART	423 W4DR	409 N1EVK N5SYV	KI0E	386 KF9UG N7IJ W5TFW W7AH WE4S
447 AH0U KS7S N2NL N4SC	435 KF6A	422 K0DD VE6WQ WB5JID	408 K7SMA W7BA	396 KB8U WA1NLG	
446 K6EID	434 K1SIX VE3LYC	419 K7NN W0GN W5AL	407 W4AS W5CIA	395 AA5XE K0AZ K5XM KF7CQ NP4EI/W7 WB4EVH	385 NK1K VE6MB W4WTA
445 KG7CW KU7Z N4LR WA1EAZ	433 KE8KMX	418 N4UFO	406 AK3E K6FG K8EB	394 AA5JF K6RO	384 K8ROK N2WK
444 K4SSO N7BAV W9WO	432 K6GXO N6KK WW1L	417 N4HN	405 AA4SC K3FRK K5CKS NE9U W0MU	393 K1GG K7XB K7XC KD5XB KV7N WR7X	382 K5PI VE3YXO
443 AB4IQ K5XI N4MM	431 K0TLM NZ3M	416 AC9DX K4RWP K7ND KO4MA NI0P	404 N2ZX VE4EAR W5SUM	392 AB4SF AF4HX K5HPT W6OMF	381 AG4W W3VZ
442 AG9S N2QT N4TL NJ6D W3LL	430 AA1ON K1TEO	415 K7AWB K8JH ND4X W0GJ	403 K6VHF NH6T/W4	391 AD5A W4AVY W6TMD	380 K7MCX NE6I NK0S WA5LFD
441 K8TB K9KLD	429 K8ZR WA5JCI	414 K0DEQ K2TER KM8V N0GZ W4TV	402 K3FM	390 AB4EJ KZ2I W7FI	379 AB9BH N8WNA
440 W2IRT	428 K9APW	413 AE5FM WA9LFO	401 K4CKS	389 W5MO	378 KR4BD
439 K4ZOT K8ROX N4QWZ NM5U	427 W0RH	412 VE2XK 6M FN07399	400 KT8O W0JRP W3UUM	388 K0IP W4WRL	377 AB1OC N8LRG NT9E
438 N5TJ	426 N5OK W5JAY	411 N9EAT	399 NN4R	387 KV4T N0FJP N4CH	376 K8GI K8VFF N3OC N9JR
	425 K6ML	410 KB0V KE7SW KI8G	398 N8IEZ W1NG		375 K6QG WB4OQX
	424 N4UFP N9AKR W3EP W5PR WB8BPU		397 KE4TH		

374 K0TT KV7K N6GP N7DB NY1V	363 VE7BV W4NH	WB4KTF	338 NA5Z VE3SXE W4MAY W9XA WA5KBH	332 AA7UN N4JDB N7KDT VA3IKE W9GM	K9SH KU4A N2BJ VE3TMG
372 JA7QVI	362 W1JR WA5OLT	349 K1GJQ KA0BAD			323 N8II W8KEN WO2T
371 AA4ZZ N3PS WA6BYA	361 K8BL K9NR N1KDO N8KOL NG4C	348 N1JFU NJ7G	337 K8ZES W9EWZ WA5RT WW0E	331 K8WDA KC0UDO N4MW W3TI	322 JG1TSG N3ALN VA6SZ
370 K5TN KG8P KN4SM KS4YT N3MK NT0V W4FC	360 K6UM (CN85) W0NOZ	347 W2HRO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA VE3XN WO9S	330 KB8MBC KG6AY W8PI	321 N0LD NC7B NS4C W9VA
369 KF8UN N2DPF W8LMG	359 AA4FF K0CAO	346 N9XG W8OP		329 AA1QD N2JJ W2OR W8WG W9DCT WX4G	320 K7LOL N4DW
368 N4JP W5RCI W6GMT	358 K5RLA	345 AA8SW W3XY XE2YWH	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA	328 K6ME N5PT W2CNS WB3LHD	319 KF2T N7US
367 KC4HW W7Yaq	357 K4LVV WA9PWP	344 K6FW KB0PE W1OW	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC W3ATV WB5TOI	327 KJ5RC N0YO W2JU W7YA	318 W4HY
366 KI7JA	356 K7PT	343 K5EK N3RC N6KZ N8HRZ		326 K2ZD K6LMN K6TDI NG7M W3HDH W7JLC WF7T	317 KA8SYV W1SKU
365 K4JJW K6EME WA7PDC	355 AA4FL N3AIU (DM45)	341 KD7DCR NX7U W7IMC WA7YAZ	333 AA4LR K0TC KK0DX KM4HI N0IGZ W3GQ XE1YY		316 DK8NE K3FN KA0ABA W4UCK W9BWR
364 AB5EB K0RAR K5KEW N6QQ	354 NU6S	340 K0JDD K1ST N0AN WA9M			315 K0PG K5VH KM3T NY2NY WA8ZID XE1AO
	353 AF2K K0CS	339 KE4BKL N2ZZ VA7FC W5VAS WB0OQV		325 WA2AEY WX0Z	314 KU4XO
	352 VE3DS W0KKK W1DYJ XE2ML			324 HC2FG	
	350 KB1EFS N6VI				

313 JE1BMJ N6NR N7UVH NF4A W4GLV W5RKN	303 EA8DBM K8TGC K8TL N7LAN 302 KB2TGU	294 K6JSV 293 K3AX K4KJZ N4JJ N4MI W2GKR W4VC WA2IIE 292 KJ6P N4ST W1SSN 291 W1WHL W2CCC 290 VE6TA (DO33) WA8EFK 289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W3SW W4LTJ 288 K1NU W1DU W4HLR 287 K8DP KC7MRQ N8CGY W7CT WA4NVM 285 AB0S K5CZD K9UO NS7K	284 AB0RX AD4ES K0KP K4DET KL0S NJ2F (EL96) 283 N5OHL NA5DX WA0FQK WB0CQO 282 AA0ZP K5TA N8JCM W4WM 281 AA8MA JR1LZK K4OY NL7CO W2YE 280 N0KV NM5Z W1FKF 279 N3JPU W0PPA W0VHF (EL87) W8GJ XE1FAS YV1DIG 278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N 277 AC7JM PV8DX	276 HC1BI K2CS K5TWJ K7TAB KD8JSP W9OO 275 K1MAA K2NJ N4GG W0FK 274 KB1DMX WA8MCD 273 KM4H KV1J VE6SH 272 KF8QL KO4PRE 271 K7NII KB7FUV W3HHN 270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B 269 K2IE K3ZO KD5R KF6XA N5EPA N5WD VA2CY WI7P	268 K1DT K6OJ KI0HA N9ZTS W0KAN WB9PNU 267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB 266 K1OA K1WVX K3HPA TG9AJR VE3MSC WB8EJN 265 N5KS 264 AC8L K4JAF N0TK N5AO NF1O 263 AK4PR K9AAA KK8MM WB7QBS 262 K3CWH K5VR ND4DX WA0KBZ 261 AF2F K3TWK KB8UUZ N3EW
312 AF6O K4NNX KA2GOJ N3KN	301 N0HJZ W7IB W9OBG WB0TVY				
311 AC9S KS4XQ W2BZY W5DB	300 AA4V K0PHP K0SRL K2UU KB6VFC N1RR WA2BAH WX2S				
310 N1NK W9KVR WO4DX					
309 AA9RR	299 KX7L VE6WK W1LE W8UV WB5GVY				
308 WA4HFN					
307 AG1A KE5K KS4S W9RPM	298 K0MLD KD4WSC N4IQ W0JM				
306 K4QE KE8Y KL7HBK WV9L	297 KG5EIU N8YQX N9LF				
305 K3VAT K6UM (CM88) KT1J N4SV	296 K4XR K6YUI KC7RW				
304 K6IPF NS4T WA0GUD	295 KE4P N6AR N7NT				

W6TCP W9TA	N7QOZ NR0Q VE3OTL WD5ITW	W4FRA	236 K0SU K4NK N3FTI N9ATD W5AJX	W5LUA	N0PSJ N4ION N5UWY W4IFI W5JMW
260 K6JAD K9MQ N5PA N6HC NT7C W3DF XE1YD	253 F4BKV KG4ERR N2XQM	245 AE4WG N1IA N3XF VA3CW	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	228 K5RUS K7HSJ KF2ZQ N8AIA W5HEZ	220 K7BTW N7XCZ
259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX WA4YA	252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	234 KE6FCT	227 K8ZT K9TF KS9A W4KXY XE1GLL	219 K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)
258 AB5GU K1NJ K2HAT NA2NY WB7ECS	251 AD5JK K9QJ KG7NV NN4SS W2LV	243 JA1QJI K3TC W4EJ	233 K1AFC K3EA N9NJS VE7VZ W8PAT W9TD XE1L	226 AF5WN N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ KB8KVJ KC0VDY NA5C
257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB WA2HFI/O	250 AA9LC KS9J NW6R	242 IT9IPQ K3WW KA3TCC VE3SMA	232 K5FO N9NJY WA2OTC	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE
256 JM1IGJ KL7NW N8ZJN	249 CT1IUA K8AO KQ5U N1GC N5SMQ	241 N6NU W5LO	231 AI9L K4MIJ K6HEW KF6GYM W9XT	224 JA8ISU K2RET NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF
255 K8MVZ KG4JPL W4HFZ WA8KNE	248 K1ZZ W6VFA	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	230 K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW
254 KG9Z N4GBK N5SIX	247 JA1UAV JM1SZY N5DD W3TEF	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	229 GD0TEP K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ
	246 K0DAS K8YC KK8X N5TIT	238 AA3GM JP1LRT		221 K5WMH K6CQR	213 K3DFL KI6X

W0NBC	KB0LYL	K5DB	192	185	N6VH
212	NA5Q	K6ZZ	AA6AA	AD6W	W5HI
AB5C	W0BNE	LU4FV	N1LF	KD5BQT	179
JF8QNF	W4EJG	N7PHY	N2NB	KU4UC	K1EP
JR3REX	XE1J	N9AG	N3CAL	N8XE	KU4WD
KF7NN	205	VA3VU	N3NR	NA2R	N0LIE
N1SV	AF4OD	199	N4LXB	PY5CC	N0MMA
N2OA	K8SD	N3KFV	N4TV	W3OU	NH7RO
211	KE4HOA	W4OEP	W6MTR	W5BPT	VA3DPB
K9FOH	N5ITO	WB0YEA	W8FN	XE1R	W8LHP
KD3HN	W1MJC	198	191	184	WA4QMQ
NE8S	W8QID	4O3A	K0ITC	AF5Q	178
PV8BR	204	AC8TO	K9CS	K0DEW	KA2AYR
W2ZDP	KO0Z	JR2HCB	KK6OH	KR4M	KB0EO
W5HNK	LU2DX	K9OHI	N9AMW	N1IBM	KB1RZA
W6AER	WA3DRC	N0UK	WA2BKN	N3FX	KG5RJ
W6KAP	203	N7EPD	WA5CAM	N4BG	N1ZUK
210	K0VSV	W8DM	WD4JHD	183	NQ2O
K3MSB	K5HYT	WA7KYM	190	K5RQ	VE3NRT
K9YC	K5LOW	197	K5ER	N0UBL	W0ZY
KL7NO	N0HF	I0WTD	KC2DLD	W2UDT	W1MAD
N1TQ	N8SYF	K3EGE	KN4PPD	WC4H	WY7FD
N6UK	NX0I	N4BAF	N9UA	182	177
WQ9T	W1RM	W3TW	W1ATV	AJ6T CM87	AG4ZE
209	W3SZ	W5CTV	W2OO	FP/KV1J	K2QQ
AA4IB	W8FIB	196	W4GE	K5GMX	KI4BWW
W5WGF	W9GFB	K0AIZ	WB0DBS	K8WK	N2ZA
WA4NFO	W9VOB	K0NR	189	NZ1I	NY4I
XE2N	WA1KPD	N5DUW	KC0MEA	W9JJ	SM7FJE
208	202	W2AMR	WA5VKS	XE1CL	W5ZG
AI2N	K1BZ	XE2ED	188	181	WA8UEG
CO8DM	K5GJR	XE2W	AD7KI	AB9FN	176
KD5HIO	WC7X	195	KD4HLG	K4CMS	AD5ZA
PV8ABC	WF8Z	AA4W	W4AZR	K5HDE	EA5BY
207	WQ5W	K2WJ	WA7VHF	KB8YKR	JA1OVD
K6US	201	K6VDP	WU9Q	N3XJX	K0DI
N1BCL	AA7WB	KG6WIK	WX9M	N4DTF	K6ZZ (EM78)
N8NJA	KC5FP	194	187	N9MSG	KX9X
206	KO9V	K2MRK	AA8R	NY0A	N5QGH
AB0CT	KR0I	N3FA	KC5N	W4RBO	N9ARX
AE4M	NN0K	N9NFT	KQ0J	W9BS	NP4BM
AK4Y	NR2C	WF1H	186	WJ1B	W5AFD
CT3MD	WA1MKE	WK8A	K8PT	180	WA5IPS
DJ5FI	WA9ASZ	193	K9SG	K0OST	WW2R
K4GHS	200	K9AB	KN7K	K4LYN	175
K9YC (EN61)	4A2MAX	KD2NF	N0XLR	KC1MMC	K3MD
	K4YJ		N6ZE	N1RK	NE5TX
				N6PEQ	

174 K6WRL KC0IYT KC6ZWT KG7P KU0A N1MGO NA2NY (ex-NA1VT) NA6O W3SO WA2PNI	168 KG5ZMQ W2PD W8WEJ 167 HB9EFK K74MQG KB1YNT KB9REV KE5EP N0NHW NO0T TG9ADQ W1BAT 166 KC2GHT N5VU NA1VT NC4RY VA3WEB WB4KXS 165 K4DXT KD5HPT W0RIC 164 K2SD K5VWW KD0UHN KF9US W4CSW WK7G WQ7F 163 K2JF K2YSY N5XZ OE6IMD 162 AF4GK JA3LZS K0QB KA1R KD4TDI W9JJB W9VS WA1Z	WB0WAO 161 K0KVR K4EA KB3CWQ KK9M N2YBB V44KAI VE3LC W4HOG WA1LAD 160 AB1QB JA1AFR K5IQ WL7OU 159 G0OIL K4MZ NS7B W1EME W4TTO WB8NUT 158 K8CR KI0D N2CG 157 K4FX KB8GC KC2WUF WA7NB 156 IZ8FFA K2KJ N3RN N9KO VE7V DX 155 CT1BWU K3TD K6XN N5RMS N7AU N9OBE TG9ANF	VA3NQ WV8DX 154 AE4NT KB9VMW KW4OV NZ6N W3ZQN W4DWS 153 AA4NC AB4GG K7AD K7ZD N1OFZ N2ADV N2WM N6DHz W3DQS W5FI W9DHI W9ILY WB5ZAM 152 AA6I N0RC N1NUM NU1T UT7QF WO4G 151 W1ZT W2DXE 150 KW4BY N9LAH VE3OAT W7APM W9HT 149 AB6CF K4SAN KK9H W3UA WB4VHF	148 AC0DQ AG0A K0RU K7IU KB2YSI N0TM N1TOR N5ZBI PV8AJ W5DM W6VNQ (CM88) WB6RAB 147 AF6AV IZ1LBG K6PSP KC1BUF N8IK VE3CX W4YCC W5WOX WA0VPJ WA3YGQ 146 AC0W K2GW K8YTO KB0YH KB5ZEA KC2TN KM5TY N4HID VA2RC VE1VOX 145 KD7YZ V31MD VA3TTX WA4JA 144 K0TLG K5TDW K6JRA K8MN K8WU N9DI W5MPC WO7GI	YV4NN 143 K6JBH K9QFR KB8RJS N8URE (FM19) W0HNM W0UHL WB0MMC WM5H 142 NA2X NC4VA W5SWV WA5TKU WS4V 141 JA6RJK K4AR K9ATX KT8TD N9FIV NV4B W4FS W4POT W6ZI WB9WHQ WR7AY 140 AC5DK BA4SI CO2WF K7SAM KC0MEZ KC8TMU KJ4KVC N1EN N3VOP NJ0U VA3FLF VE3KY W4GPM W4TUN W6DQ WA4KXY 139 KC7JPC KM2O
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KU0G	KE5FXE	JF4VZT	124	UR0MC	K4WS
N7T	KF6UFO	K0KD	K0DLW	W8DN	N4USG
NA2AA	N3AIU (DN70)	K5QWO	KB0HH (EM06)	WB9TFH	N5JEH*
TF3JB	N8GOU	KC8KSK	KD5FTD		N5LPT
W4OV	W4TKI	KF4NEF	KM1C	120	NA7L
WB2JIL	WA3WZR	KM5LY	KT5MR	EA1YO	NU6V
WY0V		KM5SC	N0SL	K2CYE	W6WE
	133	N9WBR	N9AZZ	K4AU	WA1TBV
138	KA5ETS		PV8AAS	K4CGY	XE2PXN
AC0XY	KC1RET	128	W1TAM	KD0R	
AI6O	KE1VT	JR2LJO	W3KN	KD4MZM	116
KD7WPJ	W0RT	KC7QAG	W6SCQ	KD5BRF	EA4DEI
KE0A	WI5D	KJ6SDF	W7YM	KE4SCY (FM06)	IK7EOT
KE3D	WW7Q	KN4DMN	W9CDL	N3YPJ	K4RGN
KE8RO	XE2O	N1SFE		VE1JC	KI6QDH
KQ4KX		W0WT	123	VE3XK	KU5B
N3XH	132	W5ZO	AC7AF	WA6RAY	N0VR
	AB3CV	W8FR	K9SM	WD4OHD	NO0B
137	K5VG	WB2WEO	KB0GT		W0DHB
N1SZ	KW4G		KB0STN	119	
N5JGK	N4PPH	127	KG6DHQ	AE5AU	115
SM7AED	N7TP	AA9RK	VE3TG	K0AWU	K9AAN
	NE1I	K3GYK	W1HS	K1ZN	K9MMS
136	VE3TM	K7UV	W3DIY	K2SQS	KE6TVM
K0XXX	WN6K	K8AC	W3SE	K4MSG	KF0QS
K4SX		K8OS	W4PRZ	K7JIZ	KF9AF
KC5LK	131	KB3OZC	W5EWF	KF7PCL	KM5FA
KC9AXZ	JR1BAS	KB9TLV	W7MHW	KP3V	N7VGO
KJ5RM	K3NAT	KC0RQH	W8BI	KT0P	UW5ZM
KV1E	KG9R	N6UTC	W8KHP	KW7N	VK9DX
NO1R	KT3X	VE2JWH	WA8WV	N4UPX	WA3BZT
W2JCN	N2CJ	W1FLD	WB2RVX	W0QC	WC7V
W4AVV		WA6BIL		W4SW	
W7UV	130		122	W7QQ	114
XE2JS	AB0X	126	K7AED	WI4T	AC8HU
	G4BWP	KJ7G	K7OGW	WM9M	K3RTU
135	K0GUR	N0BDS	KA9JAC		KC4GCK
CU3EQ	K4JKB	N7DGI	KB4UF	118	NF8M
K4MWB	K8LG	WB4HUC	KB5WFE	J68AS	VE1WOW
K8ZIZ	KC4NX	YL2AO	KC5UGX	K4AZV	VE3IRR
LY3W	NG9R		N5HYV	KA4LBD	W2JLK
N4DB	NO8D	125	VE6PY	KF6MXK	W2ZQ
W6BXQ	VE1DX	AA7DK	VE7JAC	KI7BP	W4ALF
WB8BZK	VE2TZT	K3PU	WD0GTY	KT8X	W4UFO
WW2DX	W0PHX	KC5DRI		N1QDQ	W5DWA
XE1H	W2LES	W2AJM	121	N3JNX	WO2C
	W3FEY	W3UQH	AE1P	N5EIL	WX4US
134	WA2SEI	W4DFU	K0MFI	W2AC / WB2ABK	
AB1NS	WB4YDL	WA6POZ	K4HBI	W2AC/WB2ABK	113
AB4GE	WW5W	WB4OMM	KB2WAL	WB2KSK	AB4PM
AD4TT		WE1P	KB5MH		AD5MD
C6ABB	129		KE4JFS	117	HB9BZA
GM4UYE	8P6ET		NE0P/9	AB5J	K3DQB

KD4BPZ	K2OO	KE5JXC	N3UPS	N1HOQ	KC2HLI
KD6VCD	K5DNL	KJ6MBW	N7AGF	VE7ZD	KC8CC
KM5OL	K9GY	KK2DOG	NJ1H	W4RVZ	KC9CMT
N3JDQ	KE6GLA	N0RQ	VE2PIJ	W5DPT	KD3SW
N4YCI	KJ6CA	N1USB	W1TE	W5OV	KE5CVM
N5YK	KZ7N	N2IPH	W1ZE	W7UT	KF0Q
W0BM	N8TMW	N4CE	W4KVS	W9NFL	KG5X
W8MSP	N9TTX	N5FPW	W6ZQ	WA4IOB	KJ5OA
W8VW	VE3AAQ	N5YHF	W9EBK	WA8EQP	N3TBB
WD0ENC	W0YJT	N8HM	W9MDB	WB5FDP	N4NIA
WU3U	W1OP	N9XMU	WB2VUO		N5RZK
	W4ZRZ	VA3OKG	WB8BZK/VE3	101	N5XTR
112	W5MPC/1	VE3AJY		AE7V	N7EME
K2MLS	W7RJR	WB6VYH	103	AI5WW	N8COP
K3GD	WB6YIY	WQ9F	AA5CK	K0IN	N8XS
K5WTA	WB9W		AB0YM	K0SBV	VP2MRM
KA7T		105	AB5SS	K0WJ	W2CH
N5HMH	108	AC4Q	K2OY	K2NUD	W4/KL7GLL
W1TR	CF3VRQ	DS4EOI	K4MVL	K5DWI	W4OZK
W5DQ	JA9IPF	K4SJA	K8ZEE	K5HX	W8BZY
W6OAT	JP7EIP	K9MAL	KA1W	K7SYS	W9DQ
W7IV	K5OPB	KB3JGS	KB0FHP	KB1JDX	WA5TLP
W9PN	K7MDL	KC0JYT	KB2SGX	KB4KBS	WV9E
WA8TWM	N3MWQ	KC4KK	KC9FFV	KC6AWX	
WG3K	VE3SUB	KF4DGS	KF0AIJ	KC8CSD	99
WX3P	VE7IG	KJ7TH	KF4DVG	KG8WB	AB0SD
XE1GK	VY2RU	N4NQY	KR4NO	KG9IL	AB3TM
	W4AMP	N5SAN	N0YXE	KL2R	K0YO
111	W4CRN	N7YY	N1JIF	KR4WM	K4KEW
K8BB	W5AAJ	NE9O	NF6P	KR7LD	K4WQ
N0SLT	W8EH	PU4JOE	NN2D	N1IX	K4ZO
PC3T	W9VNE	VE3VRQ	VE7DXG	N4AOE	K5VPQ
W8GBH		W8MIL	W0TF	N8VEA	K7DD
WZ8P	107	W9RVG	W3LEO	N9DVS	K7PAP
	JA3EGE	WA4MYO	W6IT	ON9CMR/WO	K9ZZE
110	K5UIC		W6XU	VA2LGQ	KA0ZEE
K5KR	KF7PG	104	XE1RBV	W4LLP	KC2IEB
K7LD	KI9A	AB9YC		W5KBD	KC6X
KD5J	KK4LUM	AC5K	102	W7ISG	KD4MWO
KI0F	N3TTT	AC5RN	AA9MY	WB8IMY	KD6RUH
KP4JRS	N9OI	AC9QR	AB8JH	WD5IYT	KG9AP
KQ4LA	NF0T	IK4DRY	AD6KH		KR4UA
KX5U	US0KW	K5PPP	K0HAQ	100	M5MYH
N5TIF	W2TTT	KB9RNO	K3HW	AC0FT	N4FV
N5YM	WB4PPW	KC1LXO	K9AM	AI2S	N7HRT
W7JET		KC2TR	KA3ZLS	AI9U	N7JPF
W7UP	106	KD9GKL	KB8CR	K2UA	N7TE
	K0MEI	KJ7OG	KC6WFS	K4UQC	N8GHZ
109	K5BJW	KM6WXB	KC8DMN	K5GM	N8YV
AK6ZZ	K7BWH	KO4LZ	KD8NYO	K5KV	N9MKC
IW1ARB	K7JE	N0STP	KE1AU	K8IJ	NB5R
K2DSW	KB0TIJ	N1LDY	KJ4M	K9CC	NH6CJ
K2JGL	KC7ICM	N2FBQ	KR5V	KB9ZLB	NI5W

NS2P	K0QEI	KI5TE	VA3KS	N7NH	N7EGY
VE2HAY	K0SH	KM5NU	VA3PZ	N7UN	N7JI
W2HOG	K0YQ	KR4EE	VE3KZ	N8WWM	N7KSI
W2VU	K3HZO (FN20)	KS4V	VE3SPW	N9DD	NA9D
W5JLC	K4GTR	KT5RR	W4YZJ	N9UNX	VA3JFF
W6TJU	K4JQU	N0WVU	W5ADA	VA3MA	VA7QI
WA5TRX	K8XF	N2LID	W5CBF	VE3RX	VE3WMD
WB5NHX	KA2BSK	N2VHZ	W5RCQ	VE5MX	VK5PJ
WB7VVD	KA7EII	N2XK	W7JWC	VE7AB	W0MHK
WK5X	KC0YBM	N8PAQ	W9SX	W2GR	W2VTV
WW2R (EL09)	KD5CKP	N8YBY	WA2ONK	W3IPA	W3ZGD
	KF4KSN	NT2A	WA3I	W3TA	W4VG
98	KM4NYI	NW5Q	WA4WR	W4LNG	W5DMT
AC2RL	KT5WB	NY2Z	WB2SIH	W5ODD	W7EIR
AD8Y	N1VMJ	VE2DCP	WD8DOT	W5PUF	W7TRX
K0KC	N3UMA	VE6RGU	WS4S	W7NX	W9IFW
K0UD	N4BH	W1HMM	XE2AT	WA7LHZ	W9NED
K3IXD	N6MA	W3VHF		WA9BXB	W9WI
K3QIA	N9APK	W4KK	94	WT9U	WA5ICA
K4OP	N9IO	W4TMR	AA4RP	WV7S	WB5CON
K5HOB	N9KY	W7JHS	AB4VT		
KA1EKR	NK7C	WA3EEC	AD1DX	93	92
KE4LGL	NU0Y	WB0M	AK8CW	AG2A	K1EY
KG4YOU	NV3K	WB5KJE	HK4SAN	AG6CV	K5GDX
KG7E	VA3FIN	WP4LNY	K0ARM	A18F	K5TDA
KJ2G	W3QT		K3BEE	K0IW	K7FU
KK0CQ	W4CWA	95	K3TUF	K1PTF	K7HKR
KY0Q	W4DAS	AB9AI	K4JRK	K1ZK	K7UWR
N0JJQ	W4ID	AE0G	K4LDC	K2AK	KB0PQP
N1JHJ	W7DN	AE5EO	K8GT	K2MTS	KC4JNW
N3LRP	WA6OSX	IK8YTA	K9DOG	K4DAM	KD4QMY
N5TEY	WA9LEY	K1PNQ	K9SUL	K5TRI	KE4WBO
N8AID	WB8RVK	K4ED	KA2F	K6RM	KG4URP
NO5X	WB8ZTV	K8KFJ	KA9UVY	K7IP	KR7X
NO8R	WE8L	K8ME	KB4YKC	K7TRK	N2SG
VA3VF		K8VD	KB7AK	KB0USF	N3GH
VE4XTZ	96	KD7WH	KC0AUY	KC5TGT	N4VN
W2KRP	AD5OW	KD8DR	KC3AK	KC5TT	N5QO
W6TE	AE4TQ	KD9ZR	KD4VRZ	KC9TTR	N6FD
WA2FGK	AK4F	KI0SK	KE3WM	KC9UL	N6RPM
WA3TLT	K2CK	KW9U	KF0LA	KD0QG	N7DED
WB1GQR	K2UF	N1XK	KG4NLZ	KE6AZX	NS6E
WB2YDS	K2UNK	N2SLO	KU4JZ	KE6UMW	UT5JAJ
WD0E	K4EQH	N2WLS	KV3W	KE8RPJ	W1PV
WH6LR	K5CRJ	N3WAV	N0LNE	KE9V	W2ACY
WT5H	K8EMR	N4ET	N0LP	KI0J	W2CVW
WV5Y	K9OT	N5BLY	N2SU	KK7MNC	W3ACO
	KA2NDX	N5ENU	N3JBH	N2BX	W3GP
97	KA3HED	N5KI	N3XBG	N2YTF	W3HZU
AB8M	KB5GI	N9IV	N3YUG	N3AO	W4BP
AJ9C	KB8PNS	N9LJX	N5ZMP	N3ZBK	W4LIA
K0HB	KC0HBP	OE9KFV	N6HY	N4GOA	W6NS
K0JQZ	KD6PY	PY2KP	N6MXU	N4YHC	W8JV

W9HBH	K1HC	W0HRO	WA5MD	K5MJP	82
WA3JKB	K1KA	W1HY	WK3N	KB3MXK	AD4IE
WA4EEZ	K3CWF	W2JEK	WV8O	KC0V	CB0ZA
WG8E	K3UAL	W2OK	XE1SOV	KE4DRF	K3LL
WM3O	K4AAP	W4ZMM		KK4AND	K3RJK
	K4FTP	W6VNO	87	N2RJ	K4JMX
91	K4XZ	WA7SDI	AC0A	N4LS	KA5WSS
AA0CW	K6UIP	WB3IAL	AG4I	NJ1Q	KC5YKX
AD3Y	K8EAB	WM6Y	K4JC	VE3GFN	KG4KVZ
CO2WZ	KA5TJI	WQ5C	K5UZ	VE7DAY	N1SF
HB9ALO	KB5FHK	WR5AY	K5WO	W1WV	PU8TEP
K1UR	KB7BSA	XE2NL	KB1VUN	W3STU	W5DAS
K4SPA	KK4DZP	XE3DX	KC8NAH	W4IT	W7YOZ
K6YK	KW3DX		KE6WOX	W4RA	W8GG
K7HPN	N2ULL	88	KI6RRD	W6ST	WA2ONG
K8OI	N4BRF	AA4QE	N0ELA	W7SIR	
KB2YWU	N5BA	AE0DX	N2CJN	W8DQ	81
KB3IAI	N9JJ	AE4OF	NE5S	W9QY	AB4I
KB3NDS	VA3XOV	AF4MI	NI5F	WA4WKL	DF3CB
KB7AZ	W9CPV	K1RS	NN7RM	WD4LSS	KE4DZU
KC5POV	W9CSY	K3TN	W8GOC	WF4R	N6MM
KC8LGL	WA2BEV	K4XD	WB3IGR		N7NEV
KE1IU	WA8OJR	K7CTV	WB8JAY	84	NI4Y
KE7RTB	WD9HCF	K7WV	WF4W	CT3FT	W3MC
KG4QWC	WE7H	K7ZYV		K4EZY	WA4ZXV
KI3O	WEST SEATTLE	K9MA TEUR	86	KE6NDG	WA8ZNC
KI5BLU	WH6LE	KB2KIR	AG1T	N1KI	XE1EE
KM7N	WM7C	KC1GWX	K7FB	N2NWS	
KM9I	WT4C	KC3MLC	KA9OKH	VE2WBK	80
KQ6K	XE3/K5ENS	KE8UM	KB7JJG	W8PU	AC6BW
N3PPH		KI2D	KI6HQT	W8SGR	G4FKA
N3WCM	89	KI4RFM	KN4MMH	ZS6NK	K7FR
N6DW	AB1TZ	KJ4KW	KP4TB		KE4PT
N7CZ	AG2AA	KQ4AJI	KT1R	83	KR4Q
N8DEZ	AG7NR	KU4S	N2NF	AA6E	KW1DX
NR4J	G4NBS	N0OK	N3MVF	DL5XJ	N2NS
NU4N	JQ1TIV	N1CEO	N8TFD	K1LH	VY2HF
VA2BBW	K4BMM	N2MKT	NZ3O	K4SQC	W2DEN
W2SUB	K5CX	N2ZN	SV1RK	K6JJ	W5TTY
W4MLN	K5JAZ	N4CAG	VA3MDB	K8SIA	W7AM
W5KDA	KA0MWA	N4GN	VA7LM	KB3HHA	
WB0NRV	KF4TVL	N4KIN	VE7IRU	KB9LIE	79
WB7X	KI0G	N4UC	W8IW	KK7BV	K4RW
WC4V	KI4FW	N5VBK	WA1PMA	KU4WW	K5JBT
XE1GZU	KI4US	NS3X	WB4GCS	N5PD	KB4DSL
	KR4U	NT4TN	XE2AU	N6KTH	KP4N
90	N2GZ	VE2VLJ		SV2AEL	N2COP
AA0LM	N5KAE	W2BZR	85	TG9AKH	N5YJZ
AB4WL	N8YSZ	W3YX	AC3KE	W7USB	N9RC
AB9DU	N9RG	W4DL	AC9GK	WD6T	VE3CFK
AF5BG	N9UDX	W4RXR	EI3IO	WD9IOK	W2GW
DL1SMA	NE2U	W7HDD	K1UU	WI6Z	W2SKI
JH4JNG	VE3VCF	WA2BTR	K4LRP	XE1MM	WN0L

78 IZ8EDJ K2QPN SP5QWB TG9AWS W4NE	K5WPN NP4TT W2YR W3FGP WC5M	62 K4DXA N6ZDH	50 N8MR	DU1EV K8YSE	27 E70A KC9ELU WP4NIX
77 K1IFJ MIOAYR	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	61 CU3AN K4MLB N0GVK	49 HB9RUZ	37 BA7NQ HL4CJG JA9APS JH9DRL OE3SGU	26 DS4AOW WB7QXU
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	69 K3WGR W1YM WD4LBR YL2JZ	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	48 G8BQX HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	36 JA1WSK	25 EA4/K1WE
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL US5WE W4LVH W5UC WP4NEG ZL3AAU	68 AA4S EH7CD K6CF KJ7TEA	58 KC6NBI SV8CS WA2MUA	47 HB9RYZ JE1VTZ N6PAZ	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO
74 AK8B CX4AAJ KF2TI LU4FPZ VE6SO VK4CZ WC6DX	67 JG2TSL KF4JHG W7YED	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	45 JA6WJL K4TXJ	34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK
73 JF1IRW VP2MJD W4WT	66 K6KLY KK4YEL UX1UA	56 KI5WA LU8ADX NI6T	44 WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH
72 N4II PV8ADI	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	55 LA3MHA SP5APW WA2EMF	43 8P6SH CT1EEN K4ZIN	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN
71 K0GW K4GK	64 K3BQ WD5GRW (EM150C)	54 AG4KI JR2SQZ	42 HA5PT W0PR	31 K7TM	20 CX1FK I1FQH JM1KVV N1WC PY5EW W8LR
	63 EA1DR HL2EIZ KB0RFY	53 K0BBC PP1CZ	41 E75AA LA6OP	30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JE2UFF JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
		52 CT1ETE N8OFS OH4UI VE9FCP	40 JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE	
			39 AA5PK	28 CT8/K0RUI JA6CRP JR7ILA K0FMI OH3DP	
			38 DD3KF DG7RO		

18 AJ6V HL4GAV KJ4EU W0HBH	11 A65BR DL2OE EA4DAU EA4ZK G4CTY IZ4GWE JA2KVB JA6QHJ KA5WRG PY2DV PY2GM	IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX	EA1AR EA4D G3LHJ HA9PP HL2ZN IK0WRB IK8EPC JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN US0YA W1CBY WD9EWK (DM43) YB1TJ YL2CA YL2MU	SV3FUO YB2DX YL2KF	VR2VGM WB7VUF YO8WW
17 G3LZQ PY2XAT SP5XMU SV8CKM		6 CT2FEY DU0A EI2JC JA7NGE PY2VA		1 3A2MW 9A2EY AJ6T (EM66) BD4UJ CT1AHU DH8BQA DJ3ZF DL2DCX DL4ZAB DL8GAM DS5DNO DS5TOS EA3WD EA4GQS F1VEV G4CFS G4VSS G7SQS G8TTI IK5BSC IW0AFS IZ0BTV IZ2CSX IZ3DBA IZ5FSA JA1GZK JA7DPC JA7VXB JH8XVT JI1HNC JJ1PFC JL2ULM JN3ONX KC3KJQ KG4JSZ KH6WI KP4DER MM0INH OK1UU ON6NA OZ1IKY PU5SVE SM3GBA SM6LPG TA7EXY SQ5NRY UN8G UR5EDX	
16 N6VHF TI2CDA	10 DL4CF HB9BOS JH7IMX JH8RZJ JI2UDK PA5KT SV2DCD TF3Y UR7DWW	5 DL5LH EA1AAA EA7ZY G6MXL IK8GYS JI5USJ JJ1IDW KB8VAO M1VPN MU0GSY OK1IN ON5UE PP2RON SK6QA VE2NGH VR2XMT W1ZR W2ZF YL2CZ	2 5B4ALJ 6K5XZE 9A2GA 9K2NO BV6CC CO6CBF DF3VG DF8FT DK1CO EH4BPJ ES8JX F5TMJ G0THY G4DDL G8GNI GI4ONL IK1IYU IK2GOQ IZ8XQC JA6AVT JA6SZV JA9FAI JH3MHI JP1HDK K4KZM K7LY KEN IN NEBRASKA LA2CQ OH3KAV SV1XV		
15 9K2BM EI2GLB HB9FMN HB9HIT LU5FF PY2RN UT3UA WC2C	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM				
14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY					
13 JA2LWD K4AKX K4WY PY2MC W4PWF	8 DF1ZN DH0GSU DK2LO G1VDP JA1CPU JE3PCP JG1JPE JJ2NWI N8RO OH8LXT	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS GM4KHE IV3GOW JH7IPR JK6DXD UT5EL VK4ZP XE1SAX			
12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB	7 DL1TRK G8APB HB9AOF	3 DJ5AV DL2KQ			