

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 (28 Jul 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	ND0B	KX4R	479	466	457
AA0MZ	W0FY	KY7M	W5WVO	K4MY	K4HB
AA5AM	W0JW	N0KE	W9RN	K4SO	N9PGG
AA5C	W0LGQ	N7KA		KA0JGH	NI0G
AA7A	W3CP	W5ZN	478	KB6NAN	
AI5I	W4UDH	WD5COV	AD1C	WB9CIF	456
K0GU	W5ADD		AE5B	WX7M	AJ4A
K1TO	W5AFY	485			N4QS
K1TOL	W5AJ	K9MU	477	465	
K4PI	W5EME	N0POH	KC7V	XE2K	455
K4XO	W5FF	W5TRL	N5KO		K9MK
K5RK	W5KI	W5VY	N7ZO	464	WA9DU
K5UR	W5OZI		NC6K	KB9OWD	
K5WE	W7GJ	484	W6XK		453
K7CW	W7JW	AD6D		463	K3SX
K7ULS	W7KNT	AF5CC	474	W5XC	K4YMQ
K8SIX	W7MEM	AI1K	K7KQA		K7PI
K9CT	W9FF	N5WS		462	KB9DAK
KA9CFD	W9JN	WQ0P	473	K6ZH	
KA9FOX	W9RM		NQ7R	N6ORB	452
KD5M	W9XX	483	WB0O	W5THT	N5BO
KG5CCI	WD5K	AC0RA			N9BX
KM0A	WQ5S	K1USA	472	461	NE1B
KM0T	WS9V	W0VTT	KB7ME	N4JQQ	
KO9A		WB0ULX	ND4X	NA9RB	451
KR7O	487		WD8JJA		K5WBM
KV5W	K0SIX	482	WE9R	460	KD3CQ
N0LL	K0TPP	K0BJ		K5OMC	
N0LWF	K7MAC		470	KF0M	450
N0PB	K9YY	481	WO7R	W3UR	K8ZM
N0TB	N0AKC	KC7QY			KF8MY
N1AV	N7CW	N4WW	469	459	
N3SL	N7IR	W9VHF	AJ4F	K5RT	449
N3XX	N9ISN	WA7HQD			KF6HI
N5DG	NA6L		468	458	N8OC
N5NA	W3IP	480	N5EKO	K9NW	W8TN
N5OMG	XE2CQ	K5GZR	VE3EK	KG5THG	WB7CJO
N6JV		N4TB		N9BCA	
N7NW	486	XE2OR	467	NA6MG	448
N9LB	K5ND		NY0V		KP4AJ
N9UM	K7BG				W3LPL

447 AH0U KS7S N2NL N4SC	W3TC WB8ART 435 KF6A	419 K7NN W0GN W5AL	407 K8JH W4AS W5CIA W5PR	WA1NLG 395 AA5XE K0AZ K5XM KF7CQ NP4EI/W7 WB4EVH	385 K7XB NK1K VE6MB W4WTA
446 K1HTV K6EID N8YO WB8ZBT	434 K1SIX VE3LYC 432 K6GXO N6KK	418 NZ3M 417 NJ6D	406 AK3E K6FG K8EB N4UFO	394 AA5JF K6RO	384 K8ROK N2WK
445 K4XP KU7Z N4LR WA1EAZ	431 K0TLM 430 K1TEO	416 K4RWP K7ND KO4MA NI0P	405 AA4SC K3FRK K5CKS NE9U W0MU	393 K1GG K7XC KV7N WR7X	382 K5PI VE3YXO
444 N7BAV W9WO	429 K4ZOT K8ZR WA5JCI	415 K7AWB W0GJ	404 N2ZX VE4EAR W5SUM	392 AB4SF AF4HX W6OMF	381 AG4W W3VZ
443 AB4IQ K5XI N4MM	428 K9APW	414 AA1ON K0DEQ N0GZ W4TV	403 K6VHF NH6T/W4	391 AD5A W4AVY W6TMD	380 K7MCX NE6I WA5LFD
442 AG9S N2QT N4TL	427 W0RH	413 AE5FM WA9LFO	402 K3FM	390 KZ2I W7FI	379 AB9BH N8WNA
441 K8TB K9KLD	426 N5OK W5JAY	412 VE2XK 6M FN07R4	401 K4CKS	389 W5MO	378 AB4EJ KR4BD
440 W2IRT	425 K6ML WW1L	411 N9EAT	400 K2TER KT8O W0JRP W3UUM	388 K0IP W4WRL	377 AB1OC NT9E
439 K8ROX N4QWZ NM5U	424 N4UFP N9AKR W3EP WB8BPU	410 KB0V KE7SW KE8KMX KI8G N4HN	399 NN4R	387 AC9DX KV4T N0FJP N4CH	376 K8GI K8VFX N3OC
438 N5TJ	423 W4DR	409 N1EVK N5SYV	398 N8IEZ W1NG	386 KF9UG N7IJ W5TFW W7AH WE4S	375 K6QG WB4OQX
437 KK4MA W3LL	422 VE6WQ WB5JID	408 K7SMA W7BA	397 KE4TH KI0E	385 K7XB NK1K VE6MB W4WTA	374 K0TT KV7K N6GP N7DB NY1V
436 N9FN			396 KB8U	384 K8ROK N2WK	373 K4SSO

372 JA7QVI	361 K8BL K9NR N1KDO N8KOL NG4C	348 N1JFU NJ7G	WW0E	W3TI	N8II W8KEN WO2T
371 AA4ZZ N3PS NK0S WA6BYA	360 K6UM (CN85) W0NOZ	347 W2HRO	336 FG8OJ K5KDX K7BV K9QVB/9 VA2WA VE3XN WO9S	330 KB8MBC KG6AY W8PI	322 K0CAO N3ALN VA6SZ
370 K5TN KN4SM KS4YT N3MK NT0V W4FC	359 AA4FF	346 N9XG W8OP	335 AK0MR K0VG K5FUV K5FZ K9QVB KB4MRX KM3V KN4NN W4ER W9GKA WA7PDC	329 AA1QD N2JJ W2OR W8WG W9DCT WB4KTF WX4G	321 N0LD NC7B NS4C W9VA
369 KF8UN N2DPF W8LMG	358 K5RLA N8LRG	345 AA8SW VE7BV W3XY XE2YWH	328 K6ME N5PT W2CNS W7IMC WB3LHD	320 K7LOL N4DW	319 KF2T N7US
368 K0DD W5RCI W6GMT	357 K4LVV	344 K6FW KB0PE W1OW	334 AD7OV K0OOK K3TRM N4UFO (EM95) N9DR VE1JBC WB5TOI	327 KJ5RC N0YO N2ZZ W2JU W7YA	318 W4HY
367 KC4HW W7Yaq	356 K7PT WA9PWP	343 K5EK N3RC N6KZ N8HRZ	326 K2ZD K5KEW K6LMN K6TDI NG7M W7JLC WF7T	317 KA8SYV W1SKU W3HdH	316 K3FN KA0ABA W4UCK W9BWR
366 KG8P KI7JA	355 KD5XB N3AIU (DM45)	341 KD7DCR NX7U WA7YAZ	333 AA4LR K0TC KK0DX KM4HI N0IGZ W3GQ	315 K5VH NY2NY XE1AO	314 KU4XO
365 K4JJW KG7CW	354 NU6S	340 N0AN	332 AA7UN N4JDB N7KDT VA3IKE W9GM	325 WA2AEY WX0Z	313 JE1BMJ N6NR N7UVH NF4A W4GLV W5RKN
364 AB5EB K0RAR K6EME N6QQ	353 AF2K K0CS	339 KE4BKL VA7FC W5VAS WB0OQV	331 K1GJQ K8WDA KC0UDO N4MW	324 HC2FG K9SH KU4A N2BJ VE3TMG W4MAY	
363 W4NH	352 VE3DS W0KKK W1DYJ XE2ML	338 N9JR NA5Z VE3SXE W9XA WA5KBH			
362 W1JR WA5OLT	351 AA4FL	337 K8ZES W9EWZ WA5RT			
	350 KB1EFS N6VI				
	349 KA0BAD				

312 AF6O KA2GOJ	302 JG1TSG KB2TGU N3KN	293 K3AX K4KJZ KL7HBK N4JJ N4MI W2GKR W4VC WA2IIE	K4DET NJ2F (EL96)	275 K1MAA K2NJ N4GG VE6TA (DO33) W0FK	267 KB1HY KG6EG KX9N N2AMC N8EHW W4FSO W5WP W9DRB
311 AC9S DK8NE KM3T KS4XQ W2BZY W5DB	301 N0HJZ W7IB W9OBG WB0TVY	292 KJ6P W1SSN	283 N5OHL WA0FQK WB0CQO	274 KB1DMX WA8MCD	266 K1OA K1WVX TG9AJR VE3MSC WB8EJN
310 N1NK W9KVR WO4DX	300 AA4V K0PHP K0SRL KB6VFC N1RR WA2BAH WX2S	291 KS4S W1WHL W2CCC	282 AA0ZP K5TA N8JCM W4WM	273 KM4H KV1J VE6SH	265 N5KS
309 AA9RR WA8ZID	299 KX7L VE6WK W1LE W8UV WB5GVY	290 WA8EFK	281 AA8MA JR1LZK K4OY NL7CO W2YE	272 KF8QL KO4PRE N4SV	264 AC8L K4JAF N0TK NF1O
308 WA4HFN	298 K0MLD K0PG KD4WSC N4IQ	289 K2BLA K4MM K9FA N5BCA N7RO NQ7G W3SW W4LTJ	280 N0KV NM5Z W1FKF	271 K7NII KB7FUV KL0S W3HHN	263 AK4PR K9AAA WB7QBS
307 AG1A KE5K W3ATV W9RPM	297 KG5EIU N8YQX N9LF	288 K1NU W1DU W4HLR	279 N3JPU W0VHF (EL87) W8GJ XE1FAS	270 K4SPD KC9FQD N2LIV NI3K W4QK W5DNT W7JY WZ9B	262 K3CWH K5VR N4ST ND4DX WA0KBZ
306 K4QE KE8Y WV9L	296 K4XR K6YUI KC7RW	287 K8DP KC7MRQ N8CGY W7CT WA4NVM	278 AA9D AJ4W K3JT K3WA N0LNO N8BJQ NN1N	269 K2IE K3ZO KD5R N5EPA N5WD VA2CY	261 AF2F K3TWK KB8UUZ N3EW W6TCP W9TA
305 K3VAT K6UM (CM88) KT1J WA9M	295 KE4P N6AR N7NT XE1YY	285 AB0S K5CZD K9UO NS7K	277 AC7JM PV8DX	268 K6OJ KI0HA N9ZTS W0KAN WB9PNU	260 K6JAD K9MQ N5PA N6HC NT7C W3DF
304 K6IPF NS4T WA0GUD	294 K2UU K6JSV	284 AB0RX K0KP	276 HC1BI K2CS K5TWJ K7TAB KD8JSP W9OO		
303 EA8DBM K8TGC K8TL N7LAN					

XE1YD	252 AB5A CT1EEB K1ACL K3NK N9ATF NN4RR VE6NTT	244 K8DV N3AIU (FM08) N4JRY VA3ZV VE3VHB W0VD WD4IXD	235 ND0C NN9X VO1GO WB6RJH WT2P WZ9W	N8AIA W5HEZ	220 K7BTW N7XCZ
259 K1BD KD4ADC KG6I KN5O NY1E VE6BMX WA4YA	251 AD5JK K9QJ KG7NV NA5DX NN4SS W2LV	243 JA1QJI K3TC W4EJ YV1DIG	234 KE6FCT	227 K3HPA K8ZT K9TF KS9A W4KXY XE1GLL	219 K1DT K2RKJ KE5RV W6DPD W7ZSL WB2WIH (FN20)
258 AB5GU K1NJ K2HAT NA2NY WB7ECS	250 AA9LC KS9J NW6R	242 IT9IPQ K3WW KA3TCC VE3SMA	233 K1AFC N9NJS VE7VZ W8PAT W9TD XE1L	226 AF5WN N7CNH N8UR NM5S W0VX W8RD WQ6Q	218 K1XH K4IJQ K5HPT KB8KVJ KC0VDY NA5C
257 K0CCM K2KA K5QE KD4MYE N5DTT PY2XB W0PPA WA2HFI/O	249 CT1IUA K8AO KQ5U N1GC N5SMQ	241 N6NU W5LO	232 K5FO KK8MM N9NJY WA2OTC	225 AC9O KX9X (EN50) N2WSY PV8AZ W8AKS WN6W	217 ND4V W4DEE
256 JM1IGJ KL7NW N8ZJN	248 K1ZZ W6VFA	240 KK4ZUU KO6LU VA3HP W1VT WA2VJL	231 AI9L K4MIJ K6HEW KF6GYM W9XT	224 JA8ISU NJ8J	216 K7RB N0IS N6PM NE1F W1AW W5RWF
255 K8MVZ KG4JPL W4HFZ WA8KNE	247 JA1UAV N5DD W3TEF	239 KF4LVF MD0CCE W6RW W9YOY/M WA3SEE WB1FLD	230 JM1SZY K1ZE KO4MM VA3XJ WB0WAO/8	223 K7UA NJ7A	215 AL7OC K2SX KI5FJ N2YU N6KW
254 KG9Z N4GBK N5SIX N7QOZ NR0Q VE3OTL WD5ITW	246 K0DAS K8YC KK8X N5TIT W4FRA WI7P	238 AA3GM JP1LRT	229 GD0TEP K6RG KB9RUG KD5IKG KE4UW N4NX NN5DX W5LUA	222 K0YY K2TV K3AJ KA1LMR KD4K WA2BOT	214 JA7MSQ KB9PJL KC7OD VE3SYK WA7AJ
253 F4BKV KG4ERR N2XQM	245 AE4WG N1IA N3XF VA3CW	237 K3KO	228 K5RUS K7HSJ KF2ZQ	221 K5WMH K6CQR N0PSJ N4ION N5UWY W4IFI W5JMW	213 K3DFL KI6X W0NBC
		236 K0SU K4NK N3FTI N9ATD W5AJX			212 AB5C

JF8QNF	205	199	N4TV	PY5CC	KU4WD
JR3REX	AF4OD	N3KFB	W6MTR	W3OU	N0LIE
K3EA	K8SD	W4OEP	W8FN	W5BPT	N0MMA
KF7NN	KE4HOA	WB0YEA		XE1R	NH7RO
N1SV	N5ITO		191		VA3DPB
N2OA	W1MJC	198	K0ITC	184	W8LHP
	W8QID	AC8TO	K9CS	AF5Q	WA4QMQ
211		JR2HCB	KK6OH	I0WTD	
K9FOH	204	N0UK	N9AMW	K0DEW	178
NE8S	KO0Z	N7EPD	WA2BKN	KR4M	KA2AYR
W2ZDP	LU2DX	W8DM	WA5CAM	N1IBM	KB0EO
W5HNK	WA3DRC	WA7KYM	WD4JHD	N3FX	KB1RZA
W6AER				N4BG	KG5RJ
W6KAP	203	197	190		N1ZUK
	K0VSV	K3EGE	K5ER	183	NQ2O
210	K5HYT	N4BAF	KC2DLD	K5RQ	VE3NRT
K3MSB	K5LOW	W3TW	KN4PPD	N0UBL	W0ZY
K9YC	N0HF	W5CTV	N9UA	W2UDT	W1MAD
KL7NO	N8SYF		W1ATV	WC4H	WY7FD
N1TQ	NX0I	196	W2OO		
N6UK	W1RM	K0AIZ	W4GE	182	177
WQ9T	W3SZ	K0NR	WB0DBS	AJ6T CM87	AG4ZE
	W9GFB	KD3HN		FP/KV1J	K2QQ
209	W9VOB	N5DUW	189	K5GMX	KI4BWW
AA4IB	WA1KPD	W2AMR	KC0MEA	K8WK	N2ZA
W5WGF		XE2ED	WA5VKS	NZ1I	NY4I
WA4NFO	202	XE2W		W9JJ	SM7FJE
XE2N	K1BZ		188	XE1CL	W5ZG
	K5GJR	195	AD7KI		WA8UEG
208	WC7X	AA4W	KD4HLG	181	
AI2N	WF8Z	K2WJ	W4AZR	AB9FN	176
CO8DM	WQ5W	K6VDP	WA7VHF	K4CMS	AD5ZA
KD5HIO		KG6WIK	WU9Q	K5HDE	EA5BY
PV8ABC	201		WX9M	KB8YKR	K0DI
	AA7WB	194		N3XJX	K6ZZ (EM78)
207	KC5FP	4O3A	187	N4DTF	KX9X
K6US	KO9V	K2MRK	AA8R	N9MSG	N5QGH
N1BCL	KR0I	N3FA	K0JDD	NY0A	N9ARX
N8NJA	NN0K	N9NFT	KC5N	W4RBO	NP4BM
	NR2C	WF1H	KQ0J	W9BS	W5AFD
206	WA1MKE	WK8A		WJ1B	WA5IPS
AB0CT	WA9ASZ		186		WW2R
AE4M		193	K8PT	180	
AK4Y	200	K9AB	K9SG	K0OST	175
CT3MD	4A2MAX	KD2NF	KN7K	K4LYN	PV8BR
DJ5FI	K4YJ	KF6XA	N0XLR	KC1MMC	
K4GHS	K5DB		N6ZE	N1RK	174
K9YC (EN61)	K6ZZ	192		N6PEQ	K3MD
KB0LYL	LU4FW	N1LF	185	N6VH	K6WRL
NA5Q	N5AO	N2NB	AD6W	W5HI	KC0IYT
W0BNE	N7PHY	N3CAL	KD5BQT		KC6ZWT
W4EJG	N9AG	N3NR	KU4UC	179	KG7P
XE1J	VA3VU	N4LXB	NA2R	K1EP	KU0A

N1MGO	KB1YNT	V44KAI	KW4OV	PV8AJ	W0HNM
NA2NY (ex-NA1V)	KB9REV	VE3LC	NZ6N	W5DM	W0UHL
NA6O	KE5EP	W4HOG	W3ZQN	W6VNIQ (CM88)	WB0MMC
W3SO	N0NHW	WA1LAD		WB6RAB	WM5H
WA2PNI	N8XE		153		
	NO0T	160	AA4NC	147	142
173	TG9ADQ	AB1QB	AB4GG	AF6AV	NA2X
K2ZZ	W1BAT	JA1AFR	K7AD	IZ1LBG	NC4VA
K5YPV		K5IQ	K7ZD	K6PSP	W5SWV
KE4SCY	166	WL7OU	N1OFZ	KC1BUF	WA5TKU
	JA1OVD		N2ADV	N8IK	WS4V
172	KC2GHT	159	N2WM	VE3CX	
AB9KZ	N5VU	AA6AA	N6DHZ	W4YCC	141
K5ZED	NC4RY	G0OIL	W3DQS	W5WOX	JA6RJK
KI4PKW	VA3WEB	K4MZ	W5FI	WA0VPJ	K4AR
KJ6HI	WB4KXS	NS7B	W9DHI	WA3YQG	K9ATX
VE2PN		W1EME	W9ILY		KT8TD
W4ABC	165	W4TTO	WB5ZAM	146	N9FIV
	K4DXT	WB8NUT		AC0W	NV4B
171	KD5HPT		152	HB9EFK	W4FS
AA4PB	W0RIC	158	AA6I	K2GW	W4POT
HP2AT		K8CR	N0RC	K8YTO	W6ZI
KC5GSK	164	KI0D	N1NUM	KB0YH	WB9WHQ
KC5YCH	K2SD	N2CG	NU1T	KB5ZEA	WR7AY
KI4TZ	K5VWW		UT7QF	KC2TN	
NS3L	KD0UHN	157	WO4G	KM5TY	140
W1PX	KF9US	K4FX		N4HID	AC5DK
W6IA	W4CSW	KB8GC	151	VA2RC	BA4SI
WA2KBZ	WK7G	KC2WUF	W1ZT	VE1VOX	CO2WF
	WQ7F	WA7NB	W2DXE		K7SAM
170				145	KC0MEZ
K9TVG	163	156	150	KD7YZ	KC8TMU
N8CN	K2JF	IZ8FFA	KW4BY	V31MD	KJ4KVC
NA2U	K2YSY	K2KJ	N9LAH	VA3TTX	N1EN
W4IHI	N5XZ	K9OHI	VE3OAT	WA4JA	N3VOP
W4JKC		N3RN	W7APM		NJ0U
WK3V	162	N9KO		144	VA3FLF
	AF4GK	VE7VDX	149	K0TLG	VE3KY
169	K0QB		AB6CF	K5TDW	W4GPM
K6XC	KA1R	155	K4SAN	K6JRA	W4TUN
KD5OMJ	KD4TDI	CT1BWU	KK9H	K8MN	W6DQ
N2BEG	OE6IMD	K3TD	W3UA	K8WU	WA4KXY
N5XES	W9JJB	K6XN	WB4VHF	N9DI	
VE3HHT	W9VS	N5RMS		W5MPC	139
W8KNO	WA1Z	N7AU	148	WO7GI	KC7JPC
	WB0WAO	N9OBE	AC0DQ	YV4NN	KM2O
168		TG9ANF	AG0A		KU0G
KG5ZMQ	161	VA3NQ	K0RU	143	N7T
W2PD	K0KVR	WV8DX	K7IU	K6JBH	NA2AA
W8WEJ	K4EA		KB2YSI	K9QFR	TF3JB
	KB3CWQ	154	N0TM	KB8RJS	W4OV
167	KK9M	AE4NT	N1TOR	N8URE (FM19)	WB2JIL
K4MQG	N2YBB	KB9VMW	N5ZBI	NA1VT	WY0V

138 AC0XY AI6O KD7WPJ KE0A KE3D KE8RO KQ4KX N3XH	133 KA5ETS KC1RET KE1VT KM8V W0RT WI5D WW7Q XE2O	KF4NEF KM5LY KM5SC N9WBR	KT5MR N0SL N9AZZ PV8AAS W0PE W1TAM W3KN W6SCQ W7YM W9CDL	120 EA1YO K2CYE K4AU K4CGY KD0R KD4MZM KD5BRF KE4SCY (FM06) N3YPJ VE1JC VE3XK WA6RAY WD4OHD	NA7L NU6V W6WE WA1TBV XE2PXN
137 N1SZ N5JGK SM7AED	132 AB3CV IC8TEM K5VG KW4G N4PPH N7TP NE1I VE3TM WN6K	128 JR2LJO KC7QAG KJ6SDF KN4DMN N1SFE W0WT W5ZO W8FR WB2WEO	123 AC7AF K9SM KB0GT KB0STN KG6DHQ VE3TG W1HS W3DIY W3SE W4PRZ W5EWF W7MHW W8BI W8KHP WA8WV WB2RVX		116 IK7EOT K4RGN KI6QDH KU5B NOVR NO0B W0DHB
136 K0XXX K4SX KC5LK KC9AXZ KJ5RM KV1E NO1R W2JCN W4AVV W7UV XE2JS	131 JA3LZS JR1BAS K3NAT KG9R KT3X N2CJ	127 AA9RK K3GYK K7UV K8AC K8OS KB3OZC KB9TLV KC0RQH N6UTC VE2JWH W1FLD WA6BIL		119 AE5AU K0AWU K1ZN K2SQS K4MSG K7JIZ KF7PCL KP3V KT0P KW7N N4UPX W0QC W4SW W7QQ WI4T WM9M	115 K9AAN K9MMS KE6TVM KF0QS KF9AF KM5FA N7VGO UW5ZM VK9DX WA3BZT WC7V
135 CU3EQ K4MWB K8ZIZ LY3W N4DB W6BXQ WB8BZK WW2DX XE1H	130 AB0X K0GUR K4JKB K8LG KC4NX NG9R NO8D VE1DX VE2TZT W0PHX W2LES W3FEY W4DWS WA2SEI WB4YDL WW5W	126 KJ7G N0BDS N7DGI WB4HUC YL2AO	122 K7AED K7OGW KA9JAC KB4UF KB5WFE KC5UGX N5HYV VE6PY VE7JAC WD0GTY	118 J68AS K4AZV KA4LBD KF6MXK KI7BP KT8X N1QDQ N3JNX N5EIL W2AC / WB2ABK W2AC/WB2ABK	114 AC8HU K2RET K3RTU KC4GCK NF8M VE1WOW VE3IRR W2JLK W2ZQ W4ALF W4UFO W5DWA WO2C WX4US
134 AB1NS AB4GE AD4TT C6ABB GM4UYE KE5FXE KF6UFO N3AIU (DN70) N8GOU W4TKI WA3WZR	129 8P6ET JF4VZT K0KD K5QWO KC8KSK	125 AA7DK K3PU KC5DRI W2AJM W3UQH W4DFU WA6POZ WB4OMM WE1P	121 AE1P K0MFI K4HBI KB2WAL KB5MH KE4JFS NE0P/9 UR0MC W8DN WB9TFH		117 AB5J K4WS N4USG N5JEH* N5LPT
		124 K0DLW KB0HH (EM06) KD5FTD KM1C			113 AB4PM AD5MD HB9BZA K3DQB KD4BPZ KD6VCD KM5OL N3JDQ

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
	W1OP	N9XMU	WB2VUO		N5RZK
112	W4ZRZ	VA3OKG	WB8BZK/VE3	101	N5XTR
EA4DEI	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
N0SLT	W5AAJ	NE9O	NF6P	KR7LD	K4WQ
PC3T	W8EH	PU4JOE	NN2D	N1IX	K4ZO
W8GBH	W9VNE	VE3VRQ	VE7DXG	N4AOE	K5VPQ
WZ8P		W8MIL	W0TF	N8VEA	K7DD
	107	W9RVG	W3LEO	N9DVS	K7PAP
110	JA3EGE	WA4MYO	W6IT	ON9CMR/W0	K9ZZE
G4BWP	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
109	K0MEI	KJ7OG	KC6WFS	K4UQC	N8GHZ
AK6ZZ	K5BJW	KM6WXB	KC8DMN	K5GM	N8YV
IW1ARB	K7BWH	KO4LZ	KD8NYO	K5KV	N9MKC
K2DSW	K7JE	N0STP	KE1AU	K8IJ	NB5R
K2JGL	KB0TIJ	N1LDY	KJ4M	K9CC	NH6CJ
K2OO	KC7ICM	N2FBQ	KR5V	KB9ZLB	NI5W
K5DNL	KE5JXC	N3UPS	N1HOQ	KC2HLI	NS2P
K9GY	KJ6MBW	N7AGF	VE7ZD	KC8CC	VE2HAY
KE6GLA	KK2DOG	NJ1H	W4RVZ	KC9CMT	W2HOG
	N0RQ	VE2PIJ	W5DPT	KD3SW	W2VU

W5JLC	K4GTR	KT5RR	W4YZJ	N9DD	NA9D
W6TJU	K4JQU	N0WVU	W5ADA	N9UNX	VA3JFF
WA5TRX	K8XF	N2LID	W5CBF	VA3MA	VA7QI
WB5NHX	KA2BSK	N2VHZ	W5RCQ	VE3RX	VE3WMD
WB7VVD	KA7EII	N2XK	W7JWC	VE5MX	VK5PJ
WK5X	KC0YBM	N8PAQ	W9SX	VE7AB	W0MHK
WW2R (EL09)	KD5CKP	N8YBY	WA2ONK	W2GR	W2VTV
	KF4KSN	NT2A	WA3I	W3IPA	W3ZGD
98	KM4NYI	NW5Q	WA4WR	W3TA	W4VG
AC2RL	KT5WB	NY2Z	WB2SIH	W4LNG	W5DMT
AD8Y	N1VMJ	VE2DCP	WD8DOT	W5ODD	W7EIR
K0KC	N3UMA	W1HMM	WS4S	W5PUF	W7TRX
K0UD	N4BH	W3VHF	XE2AT	W7NX	W9IFW
K3IXD	N6MA	W4KK		WA7LHZ	W9NED
K3QIA	N9APK	W4TMR	94	WA9BXB	W9WI
K4OP	N9IO	W7JHS	AA4RP	WT9U	WA5ICA
K5HOB	N9KY	WA3EEC	AB4VT	WV7S	WB5CON
KA1EKR	NK7C	WB0M	AD1DX		
KE4LGL	NU0Y	WB5KJE	AK8CW	93	92
KG4YOU	NV3K	WP4LNY	HK4SAN	AG2A	K1EY
KG7E	VA3FIN		K0ARM	AG6CV	K5GDX
KJ2G	W3QT	95	K3BEE	AI8F	K5TDA
KK0CQ	W4CWA	AB9AI	K3TUF	K0IW	K7FU
KY0Q	W4DAS	AE0G	K4JRK	K1PTF	K7HKR
N0JJQ	W4ID	AE5EO	K4LDC	K1ZK	K7UWR
N1JHJ	W7DN	IK8YTA	K4NNX	K2AK	KB0PQP
N3LRP	WA6OSX	K1PNQ	K8GT	K2MTS	KC4JNW
N5TEY	WA9LEY	K4ED	K9DOG	K4DAM	KD4QMY
N8AID	WB8RVK	K8BB	K9SUL	K5TRI	KE4WBO
NO5X	WB8ZTV	K8KFJ	KA2F	K6RM	KG4URP
NO8R	WE8L	K8ME	KA9UVY	K7IP	KR7X
VA3VF		K8VD	KB4YKC	K7TRK	N2SG
VE4XTZ	96	KD7WH	KB7AK	KB0USF	N3GH
W2KRP	AD5OW	KD8DR	KC0AUY	KC5TGT	N4VN
W6TE	AE4TQ	KD9ZR	KC3AK	KC5TT	N5QO
WA2FGK	AK4F	KI0SK	KD4VRZ	KC9TTR	N6FD
WA3TLT	K2CK	KW9U	KE3WM	KC9UL	N6RPM
WB1GQR	K2UF	N1XK	KF0LA	KD0QG	N7DED
WB2YDS	K2UNK	N2SLO	KG4NLZ	KE6AZX	NS6E
WD0E	K4EQH	N2WLS	KU4JZ	KE6UMW	UT5JAJ
WH6LR	K5CRJ	N3WAV	KV3W	KE8RPJ	W1PV
WT5H	K8EMR	N4ET	N0LNE	KE9V	W2ACY
WV5Y	K9OT	N5BLY	N0LP	KI0J	W2CVW
	KA2NDX	N5ENU	N2SU	KK7MNC	W3ACO
97	KA3HED	N5KI	N3JBH	N2BX	W3GP
AB8M	KB5GI	N9IV	N3XBG	N2YTF	W3HZU
AJ9C	KB8PNS	N9LJX	N3YUG	N3AO	W4BP
K0HB	KC0HBP	OE9KFV	N5ZMP	N3ZBK	W4LIA
K0JQZ	KD6PY	PY2KP	N6HY	N4GOA	W6NS
K0QEI	KI5TE	VA3KS	N6MXU	N4YHC	W8JV
K0SH	KM5NU	VA3PZ	N7NH	N7EGY	W9HBH
K0YQ	KR4EE	VE3KZ	N7UN	N7JI	WA3JKB
K3HZO (FN20)	KS4V	VE3SPW	N8WWM	N7KSI	WA4EEZ

WM3O	K4FTP	W6VNO	87	N2RJ	K4JMX
91	K4XZ	W9HT	AC0A	N4LS	KA5WSS
AA0CW	K6UIP	WA7SDI	AG4I	NJ1Q	KC5YKX
AD3Y	K8EAB	WB3IAL	K4JC	VE3GFN	KG4KVZ
CO2WZ	KA5TJI	WM6Y	K5UZ	VE7DAY	N1SF
K1UR	KB5FHK	WQ5C	K5WO	W1WV	PU8TEP
K4SPA	KB7BSA	WR5AY	KB1VUN	W3STU	W5DAS
K6YK	KK4DZP	XE2NL	KC8NAH	W4IT	W7YOZ
K7HPN	KW3DX	XE3DX	KE6WOX	W4RA	W8GG
K8OI	N2ULL	88	KI6RRD	W6ST	WA2ONG
KB2YWU	N4BRF	AA4QE	N0ELA	W7SIR	81
KB3IAI	N5BA	AE0DX	N2CJN	W8DQ	AB4I
KB3NDS	N9JJ	AE4OF	NE5S	W9QY	DF3CB
KB7AZ	VA3XOV	AF4MI	NI5F	WA4WKL	KE4DZU
KC5POV	W9CPV	K1RS	NN7RM	WD4LSS	N6MM
KC8LGL	W9CSY	K3TN	W8GOC	WF4R	N7NEV
KE1IU	WA2BEV	K4XD	WB3IGR	84	NI4Y
KE7RTB	WA8OJR	K7CTV	WB8JAY	CT3FT	W3MC
KG4QWC	WD9HCF	K7WV	WF4W	K4EZY	WA4ZXV
KI3O	WE7H	WEST SEATTLE	86	KE6NDG	WA8ZNC
KI5BLU	WH6LE	K9JF	AG1T	N1KI	XE1EE
KM7N	WM7C	KB2KIR	K7FB	N2NWS	80
KM9I	WT4C	KC1GWX	KA9OKH	VE2WBK	AC6BW
KQ6K	XE3/K5ENS	KC3MLC	KB7JJG	W8PU	G4FKA
N3PPH	89	KE8UM	KI6HQT	W8SGR	K7FR
N3WCM	AB1TZ	KI2D	KN4MMH	ZS6NK	KE4PT
N6DW	AG2AA	KI4RFM	KP4TB	83	KR4Q
N7CZ	AG7NR	KJ4KW	KT1R	AA6E	KW1DX
N8DEZ	G4NBS	KU4S	N2NF	DL5XJ	N2NS
NR4J	JQ1TIV	N0OK	N3MVF	K1LH	VY2HF
NU4N	K4BMM	N1CEO	N8TFD	K4SQC	W2DEN
VA2BBW	K5CX	N2MKT	NZ3O	K6JJ	W5TTY
W2SUB	K5JAZ	N2ZN	SV1RK	K8SIA	W7AM
W4MLN	KA0MWA	N4CAG	VA3MDB	KB3HHA	79
W5KDA	KF4TVL	N4GN	VA7LM	KB9LIE	K4RW
WB0NRV	KI0G	N4KIN	VE7IRU	KK7BV	K5JBT
WB7X	KI4FW	N4UC	W8IW	KU4WW	KB4DSL
WC4V	KI4US	N5VBK	WA1PMA	N5PD	KP4N
XE1GZU	KR4U	NS3X	WB4GCS	N6KTH	N2COP
90	N2GZ	NT4TN	XE2AU	SV2AEL	N5YJZ
AA0LM	N5KAE	VE2VLJ	85	TG9AKH	N9RC
AB4WL	N8YSZ	W2BZR	AC3KE	W7USB	VE3CFK
AB9DU	N9RG	W3YX	AC9GK	WD6T	W2GW
AF5BG	N9UDX	W4DL	EI3IO	WD9IOK	W2SKI
DL1SMA	NE2U	W7HDD	K1UU	WI6Z	WN0L
JH4JNG	VE3VCF	WA2BTR	K4LRP	XE1MM	78
K1HC	W0HRO	WA5MD	K5MJP	82	IZ8EDJ
K1KA	W1HY	WK3N	KB3MXK	AD4IE	K2QPN
K3CWF	W2JEK	WV8O	KC0V	CB0ZA	SP5QWB
K3UAL	W2OK	XE1SOV	KE4DRF	K3RJK	
K4AAP	W4ZMM		KK4AND		

TG9AWS W4NE	WC5M	61 CU3AN K4MLB N0GVK US5WE	HL2IFR JA9KRO K0BBC/R KI5KC N6DBF NP3IR YL3HA	37 BA7NQ HL4CJG JA9APS JH9DRL OE3SGU	26 DS4AOW WB7QXU
77 K1IFJ MI0AYR	70 GI4SJQ K4BNC KC0ZRX N6GEO W2QO W4GP	60 HB9BIN IZ4DPV KP4JFR S55DX UR9QQ	47 HB9RYZ JE1VTZ N6PAZ XE2X	36 JA1WSK	25 EA4/K1WE
76 K0WYN K6MAA KI4CYB KI7WXP N1GNB N2MH/4	69 K3WGR W1YM WD4LBR YL2JZ	58 KC6NBI SV8CS WA2MUA	46 HB9RUZ	35 GI4OWA LU9DO UR5WA	24 EI2JD F1RAF F4BDG HB9G KS4YX ON6AB PA7TWO
75 G4RGK K3PP K6VHF/HR9 K8QM N5GH NP3YL W4LVH W5UC WP4NEG ZL3AAU	68 AA4S EH7CD K6CF KJ7TEA	57 IK1ZOF JL1UXH JL3MCM N5LJL WD5GRW	45 JA6WJL K4TXJ	34 G4SEU JL3LSF LA2QM	23 GM4ILS K4SLC KP4EIT W8MK
74 AK8B CX4AAJ HB9ALO KF2TI LU4FPZ VE6SO VK4CZ WC6DX	67 JG2TSL KF4JHG W7YED	56 KI5WA LU8ADX NI6T	44 WO3T XE2YWH/1	33 W8GC WB4SON WB8TGY (EN72)	22 9H1SP IZ3ENH
73 JF1IRW VP2MJD W4WT	66 K6KLY KK4YEL UX1UA	55 LA3MHA SP5APW WA2EMF	43 8P6SH CT1EEN K4ZIN	32 DM2RM N3LRH SM6WET ZL3TE	21 EA1YN
72 N4II PV8ADI	65 JA1XEC K4IM K5EJ N7UJJ OK1MP W4CCS	54 AG4KI	42 W0PR	31 K7TM	20 CX1FK I1FQH JM1KVW N1WC PY5EW W8LR
71 K0GW K4GK K5WPN NP4TT W2YR W3FGP	64 K3BQ WD5GRW (EM150C)	53 K0BBC PP1CZ	41 E75AA LA6OP	30 E72X JO7WXN WA6DNR	19 DL1TS EA6BB JI4WAO JR3UIC PY2HN SP8NR VE6TA (DO31)
	63 EA1DR HL2EIZ KB0RFY	50 N8MR	40 HA5PT JF1LMB JR0QFA WB8TGY	29 HL2WA OE4VIE	18 AJ6V HL4GAV KJ4EU W0HBH
	62 K4DXA N6ZDH	48 G8BQX	39 AA5PK	28 CT8/K0RUI JA6CRP K0FMI OH3DP	
			38 DD3KF DG7RO DU1EV K8YSE	27 E70A KC9ELU WP4NIX	

17 G3LZQ PY2XAT SP5XMU SV8CKM W0JM	EA4ZK G4CTY IZ4GWE JA2KVB JA6QHJ KA5WRG PY2DV PY2GM	6 CT2FEY DL1TRK DU0A EI2JC JA7NGE JG1JPE PY2VA	HL2ZN IK0WRB IK8EPC JI1CHH JM1GHT JN1BPM JR6IQI KC0Y PY5IP SA7CJO SV1VN US0YA W1CBY WD9EWK (DM435)	1 3A2MW 9A2EY AJ6T (EM66) BD4UJ CT1AHU DH8BQA DJ3ZF DL2DCX DL4ZAB DL8GAM DS5DNO DS5TOS EA3WD EA4GQS F1VEV G4CFS G4VSS G7SQS G8TTI IK5BSC IW0AFS IZ0BT IZ2CSX IZ3DBA IZ5FSA JA1GZK JA7DPC JA7VXB JH8XVT JI1HNC JJ1PFC JL2ULM JN3ONX KC3KJQ KG4JSZ KH6WI KP4DER MM0INH OK1UU ON6NA OZ1IKY PU5SVE SM3GBA SM6LPG SM7EXY SQ5NRY UN8G UR5EDX VR2VGM WB7VUF YO8WW
16 N6VHF TI2CDA	10 DL4CF HB9BOS 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	
15 9K2BM EI2GLB HB9FMN HB9HIT JE2UFF LU5FF PY2RN UT3UA WC2C	9 DL7BA EB1EWE EC7ZK G6BFP HB9GWJ IK3ITB JA1MZL JA2FGL JE1LFX KD3UY S51NM	4 CT7/RC2A DD6UAH EK/RX3DPK F1DFR GM4CFS GM4KHE IV3GOW JH7IMX JH7IPR JK6DXD UT5EL VK4ZP XE1SAX		
14 EA8MT IW3GJF JA2XCR KB8DVT PA7RA PV8RR PY2OC W9TTY	8 DK2LO G1VDP JA1CPU JE3PCP JJ2NWI N8RO OH8LXT	3 DF1ZN DJ5AV DL2KQ EA1AR EA4D G3LHJ HA9PP		
13 K4AKX K4WY PY2MC W4PWF	7 DH0GSU G8APB HB9AOF IZ0INX JA2NDQ LA3DV N5ORT NJ4Y UR5FEO ZS4TX			
12 EA3GP F4ESV HB9DDZ IK2RPE JK1UNZ JN1RQV N1IW ZS6WB				
11 A65BR DL2OE EA4DAU				