

## 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 (11 Feb 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.

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <b>488</b> | W0JW       | XE2CQ      | AE5B       | <b>465</b> | <b>455</b> |
| AA0MZ      | W0LGQ      |            | AF5CC      | XE2K       | WA9DU      |
| AA5AM      | W3CP       | <b>485</b> |            |            |            |
| AA5C       | W4UDH      | K0TPP      | <b>477</b> | <b>464</b> | <b>453</b> |
| AA7A       | W5ADD      | K9MU       | KC7V       | AJ4F       | K4YMQ      |
| AI5I       | W5AFY      | N0POH      | N5KO       | KB9OWD     | K7PI       |
| K0GU       | W5AJ       | W5VY       | N7ZO       |            | KB9DAK     |
| K1TOL      | W5EME      | W5ZN       | NC6K       | <b>463</b> |            |
| K4PI       | W5FF       |            |            | K4MY       | <b>452</b> |
| K4XO       | W5KI       | <b>484</b> | <b>474</b> | W5XC       | N5BO       |
| K5RK       | W5OZI      | AD6D       | K7KQA      |            | N9BX       |
| K5UR       | W7GJ       | K7BG       | W6XK       | <b>462</b> | NE1B       |
| K5WE       | W7JW       |            |            | K6ZH       |            |
| K7CW       | W7KNT      | <b>483</b> | <b>473</b> | N6ORB      | <b>451</b> |
| K7ULS      | W7MEM      | AC0RA      | N4TB       |            | K5WBM      |
| K8SIX      | W9FF       | K1USA      | NQ7R       | <b>461</b> | KD3CQ      |
| K9CT       | W9JN       | W0VTT      | WB0O       | N4JQQ      |            |
| KA9CFD     | W9RM       | W5TRL      |            | NA9RB      | <b>450</b> |
| KA9FOX     | W9XX       | WB0ULX     | <b>472</b> |            | KF8MY      |
| KD5M       | WD5K       |            | AI1K       | <b>460</b> |            |
| KG5CCI     | WQ5S       | <b>482</b> | KB7ME      | K4SO       | <b>449</b> |
| KM0A       | WS9V       | K0BJ       | ND4X       | KF0M       | KF6HI      |
| KM0T       |            | KX4R       | WD8JJA     |            | W8TN       |
| KO9A       | <b>487</b> |            | WE9R       | <b>459</b> |            |
| KR7O       | K0SIX      | <b>481</b> |            | N5NA       | <b>448</b> |
| KV5W       | K1TO       | KC7QY      | <b>470</b> |            | KP4AJ      |
| N0LL       | K7MAC      | W9VHF      | WO7R       | <b>458</b> | W3LPL      |
| N0LWF      | K9YY       | WA7HQD     |            | K9NW       |            |
| N0PB       | N0AKC      |            | <b>468</b> | KG5THG     | <b>447</b> |
| N0TB       | N7CW       | <b>480</b> | VE3EK      | N9BCA      | AH0U       |
| N1AV       | N7IR       | K5GZR      |            | NA6MG      | K3SX       |
| N3SL       | N9ISN      | N4WW       | <b>467</b> |            | KS7S       |
| N3XX       | NA6L       | XE2OR      | N5EKO      | <b>457</b> | N4SC       |
| N5DG       | W3IP       |            | NY0V       | K4HB       | WB7CJO     |
| N5OMG      |            | <b>479</b> |            | NI0G       |            |
| N6JV       | <b>486</b> | N5WS       | <b>466</b> | W3UR       | <b>446</b> |
| N7NW       | K5ND       | W5WVO      | KA0JGH     |            | K1HTV      |
| N9LB       | KY7M       | W9RN       | KB6NAN     | <b>456</b> | K6EID      |
| N9UM       | N0KE       |            | WB9CIF     | N4QS       |            |
| ND0B       | N7KA       | <b>478</b> | WX7M       | N9PGG      | <b>445</b> |
| W0FY       | WD5COV     | AD1C       |            | W5THT      | K4XP       |

|                                               |                                                |                                               |                                                       |                                                     |                                                      |
|-----------------------------------------------|------------------------------------------------|-----------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------|
| KU7Z<br>N4LR<br>N8OC<br>WB8ZBT<br>XE2X        | <b>433</b><br>W3LL<br>W9WO                     | <b>417</b><br>NJ6D<br>WW1L                    | K8EB<br>KB0V<br>N4UFO                                 | <b>393</b><br>K1GG<br>K7XC                          | <b>380</b><br>K7MCX<br>NE6I<br>WA5LFD                |
| <b>444</b><br>N7BAV                           | <b>432</b><br>K6GXO<br>N6KK                    | <b>416</b><br>K4RWP<br>K7ND<br>KO4MA<br>NI0P  | <b>405</b><br>AA4SC<br>K3FRK<br>K5CKS<br>NE9U<br>W0MU | <b>392</b><br>AF4HX<br>W6OMF                        | <b>379</b><br>AB9BH<br>N8WNA<br>W6TMD                |
| <b>443</b><br>AB4IQ<br>K8ZM<br>N4MM           | <b>431</b><br>K0TLM                            | <b>415</b><br>K5OMC<br>K7AWB<br>W0GJ          | <b>404</b><br>N2ZX<br>VE4EAR<br>W5SUM                 | <b>391</b><br>AD5A<br>W4AVY                         | <b>378</b><br>WR7X                                   |
| <b>442</b><br>AG9S<br>N2QT<br>N4TL            | <b>429</b><br>WA5JCI                           | <b>414</b><br>K0DEQ<br>N0GZ                   | <b>403</b><br>NH6T/W4                                 | <b>390</b><br>KZ2I                                  | <b>377</b><br>AB1OC<br>NT9E<br>WA1NLG                |
| <b>441</b><br>K8TB<br>K9KLD<br>WA1EAZ         | <b>428</b><br>K9APW<br>N2NL                    | <b>413</b><br>AE5FM<br>WA9LFO                 | <b>402</b><br>K3FM<br>K7SMA                           | <b>389</b><br>AB4SF                                 | <b>376</b><br>K8GI<br>K8VFX<br>N2WK<br>N3OC          |
| <b>440</b><br>W2IRT                           | <b>427</b><br>K4ZOT<br>W0RH                    | <b>412</b><br>VE2XK 6M FN07R4CKS<br>W4TV      | <b>401</b><br>W0JRP<br>W3UUM                          | <b>388</b><br>K0IP<br>W4WRL                         | <b>375</b><br>K6QG<br>WB4OQX                         |
| <b>439</b><br>NM5U                            | <b>426</b><br>K8ZR<br>N5OK<br>W5JAY            | <b>411</b><br>N9EAT<br>NZ3M                   | <b>400</b><br>K8JH                                    | <b>387</b><br>KV4T<br>N4CH                          | <b>374</b><br>K0TT<br>KV7K<br>N6GP<br>N7DB<br>NY1V   |
| <b>438</b><br>K9MK                            | <b>425</b><br>K6ML                             | <b>410</b><br>KE7SW<br>KE8KMX<br>KI8G<br>N4HN | <b>399</b><br>N8IEZ<br>W1NG                           | <b>386</b><br>N7IJ<br>NN4R<br>W5TFW<br>W7AH<br>WE4S | <b>373</b><br>K4SSO                                  |
| <b>437</b><br>K5RT<br>KK4MA<br>N5TJ           | <b>424</b><br>N4UFP<br>N9AKR<br>W3EP<br>WB8BPU | <b>409</b><br>AA1ON<br>N1EVK<br>N5SYV         | <b>398</b><br>K6VHF<br>KB8U                           | <b>385</b><br>NK1K<br>VE6MB<br>W4WTA                | <b>372</b><br>JA7QVI                                 |
| <b>436</b><br>N4QWZ<br>N9FN<br>W3TC<br>WB8ART | <b>423</b><br>AJ4A<br>W4DR                     | <b>408</b><br>W7BA                            | <b>396</b><br>AA5XE<br>K0AZ<br>KF7CQ<br>WB4EVH        | <b>384</b><br>K8ROK<br>W7FI                         | <b>371</b><br>N3PS<br>WA6BYA                         |
| <b>435</b><br>K5XI<br>KF6A                    | <b>422</b><br>VE6WQ<br>WB5JID                  | <b>407</b><br>W4AS<br>W5CIA<br>W5PR           | <b>394</b><br>AA5JF<br>K2TER<br>K6RO<br>KT8O          | <b>383</b><br>KI0E<br>W5MO                          | <b>370</b><br>K5TN<br>KN4SM<br>KS4YT<br>N3MK<br>NT0V |
| <b>434</b><br>K1SIX<br>K8ROX                  | <b>419</b><br>K7NN<br>W0GN<br>W5AL             | <b>406</b><br>AK3E<br>K6FG                    |                                                       | <b>382</b><br>K5PI<br>VE3YXO                        |                                                      |
|                                               |                                                |                                               |                                                       | <b>381</b><br>AG4W<br>W3VZ                          |                                                      |

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|---------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------|
| <b>369</b><br>KF8UN<br>N2DPF                                  | NK0S                                                              | <b>343</b><br>AB4EJ<br>K5EK<br>N3RC<br>N6KZ<br>N8LRG<br>W2HRO           | W4ER<br>W9GKA<br>WA7PDC                                                         | WB3LHD                                                         | <b>317</b><br>KA8SYV<br>W1SKU<br>W3HDH                        |
| <b>368</b><br>K0DD<br>W5RCI<br>W6GMT                          | <b>357</b><br>K4LVV                                               |                                                                         | <b>334</b><br>K0OOK<br>K3TRM<br>N4UFO (EM95)<br>N9DR<br>WB5TOI                  | <b>327</b><br>KJ5RC<br>N0YO<br>W2JU<br>W7YA                    | <b>316</b><br>K3FN<br>KA0ABA<br>W4UCK<br>W9BWR                |
| <b>367</b><br>AA4ZZ<br>KC4HW<br>KR4BD<br>W7Yaq                | <b>355</b><br>KD5XB                                               | <b>341</b><br>KD7DCR<br>N8HRZ<br>NX7U<br>WA7YAZ                         | <b>333</b><br>AA4LR<br>K0TC<br>KM4HI<br>KN4NN<br>N0IGZ<br>W3GQ                  | <b>326</b><br>K2ZD<br>K6LMN<br>K6TDI<br>NG7M<br>W7JLC<br>WF7T  | <b>315</b><br>K5VH<br>NY2NY<br>XE1AO                          |
| <b>366</b><br>KI7JA                                           | <b>354</b><br>N3AIU (DM45)                                        | <b>340</b><br>KE4TH<br>N0AN                                             |                                                                                 | <b>325</b><br>WA2AEY<br>WX0Z                                   | <b>314</b><br>KU4XO<br>VE3XN                                  |
| <b>365</b><br>K4JJW<br>K7XB<br>KG7CW<br>W4FC                  | <b>352</b><br>KF9UG<br>VE3DS<br>W0KKK<br>W1DYJ<br>WA9PWP<br>XE2ML | <b>339</b><br>KE4BKL<br>VA7FC<br>W5VAS                                  | <b>332</b><br>AA7UN<br>N4JDB<br>N7KDT<br>VA3IKE<br>VE1JBC<br>W9GM               | <b>324</b><br>HC2FG<br>K9SH<br>KU4A<br>N2BJ<br>VE3TMG<br>W4MAY | <b>313</b><br>N2ZZ<br>N6NR<br>N7UVH<br>NF4A<br>W4GLV<br>W5RKN |
| <b>364</b><br>AB5EB<br>K0RAR<br>N6QQ                          | <b>351</b><br>AA4FL<br>K5DTC                                      | <b>338</b><br>N9JR<br>NA5Z<br>VE3SXE<br>W9XA<br>WA5KBH                  | <b>331</b><br>K1GJQ<br>K8WDA<br>KC0UDO<br>N4MW<br>W3TI                          |                                                                | <b>312</b><br>AF6O<br>KA2GOJ                                  |
| <b>363</b><br>W4NH                                            | <b>350</b><br>N6VI<br>N8YO                                        | <b>337</b><br>K8ZES<br>NU6S<br>W9EWZ<br>WA5RT<br>WW0E                   | <b>330</b><br>KB8MBC<br>KG6AY<br>W8PI                                           | <b>323</b><br>N8II<br>W8KEN<br>WO2T                            | <b>311</b><br>AC9S<br>KM3T<br>KS4XQ<br>W2BZY<br>W5DB          |
| <b>362</b><br>W1JR<br>WA5OLT                                  | <b>349</b><br>KA0BAD                                              |                                                                         | <b>329</b><br>AA1QD<br>AA8SW<br>N2JJ<br>W2OR<br>W8WG<br>W9DCT<br>WB4KTF<br>WX4G | <b>322</b><br>N3ALN<br>VA6SZ                                   | <b>310</b><br>K1ST<br>N1NK<br>W9KVR<br>WO4DX                  |
| <b>361</b><br>AC9DX<br>K8BL<br>K9NR<br>N1KDO<br>N8KOL<br>NG4C | <b>348</b><br>NJ7G                                                | <b>336</b><br>FG8OJ<br>K5KDX<br>K7BV<br>K9QVB/9<br>VA2WA<br>WO9S        |                                                                                 | <b>321</b><br>NC7B<br>NS4C<br>W9VA                             | <b>309</b><br>AA9RR                                           |
| <b>360</b><br>AA4FF<br>K6UM (CN85)<br>W0NOZ                   | <b>346</b><br>N9XG<br>W8LMG<br>W8OP                               | <b>335</b><br>AK0MR<br>K0VG<br>K5FUV<br>K5FZ<br>K9QVB<br>KB4MRX<br>KM3V | <b>328</b><br>K6ME<br>N5PT<br>W2CNS                                             | <b>320</b><br>N4DW                                             | <b>308</b><br>WA4HFN                                          |
| <b>358</b><br>K5RLA<br>K6EME<br>KG8P                          | <b>345</b><br>KB1EFS<br>N0FJP<br>VE7BV<br>W3XY<br>XE2YWH          |                                                                         |                                                                                 | <b>319</b><br>KF2T<br>N7US                                     | <b>307</b><br>AG1A                                            |
|                                                               | <b>344</b><br>K6FW<br>KB0PE<br>W1OW                               |                                                                         |                                                                                 |                                                                |                                                               |

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|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| KE5K<br>W3ATV<br>W9RPM                                                   | <b>298</b><br>KD4WSC<br>N4IQ                                                             | N5BCA<br>N7RO<br>NQ7G<br>W4LTJ<br>XE1YY                     | W1FKF                                                                        | W3HHN<br>W3SW                                                           | K9AAA<br>WB7QBS                                                                         |
| <b>306</b><br>K4QE<br>N0LD<br>WB0OQV<br>WV9L                             | <b>297</b><br>JG1TSG<br>KE8Y<br>KG5EIU<br>N8YQX<br>N9LF                                  | <b>288</b><br>K1NU<br>W1DU<br>W4HLR                         | <b>279</b><br>N3JPU<br>W0VHF (EL87)<br>W8GJ<br>XE1FAS                        | <b>270</b><br>K4SPD<br>KC9FQD<br>N2LIV<br>W4QK<br>W5DNT<br>W7JY<br>WZ9B | <b>262</b><br>K3CWH<br>K5VR<br>KD8JSP<br>N4ST<br>ND4DX<br>WA0KBZ                        |
| <b>305</b><br>K3VAT<br>K6UM (CM88)<br>KT1J<br>WA9M                       | <b>296</b><br>K4XR<br>K6YUI<br>KC7RW                                                     | <b>287</b><br>K8DP<br>KC7MRQ<br>N8CGY<br>WA4NVM             | <b>278</b><br>AA9D<br>AJ4W<br>K3JT<br>K3WA<br>KV7N<br>N0LNO<br>N8BJQ<br>NN1N | <b>269</b><br>K2IE<br>K3ZO<br>KD5R<br>N5EPA<br>N5WD<br>VA2CY            | <b>261</b><br>AF2F<br>K3TWK<br>KB8UUZ<br>N3EW<br>VE6TA (DO33)<br>W6TCP                  |
| <b>304</b><br>K6IPF<br>NS4T<br>WA0GUD                                    | <b>295</b><br>KE4P<br>N6AR<br>N7NT                                                       | <b>285</b><br>K5CZD<br>K9UO<br>KK0DX                        | <b>277</b><br>AC7JM<br>K5KEW<br>PV8DX                                        |                                                                         | <b>260</b><br>K6JAD<br>N6HC<br>NT7C<br>XE1YD                                            |
| <b>303</b><br>EA8DBM<br>K8TGC<br>K8TL<br>N7LAN                           | <b>294</b><br>K6JSV<br>W7IMC                                                             | <b>284</b><br>AB0RX<br>K0KP<br>K4DET<br>KX7L<br>NJ2F (EL96) | <b>276</b><br>HC1BI<br>K2CS<br>K5TWJ<br>K7TAB<br>W9OO                        | <b>268</b><br>K6OJ<br>N9ZTS<br>W0KAN                                    |                                                                                         |
| <b>302</b><br>KB2TGU<br>N3KN                                             | <b>293</b><br>K2UU<br>K3AX<br>K4KJZ<br>KL7HBK<br>N4JJ<br>N4MI<br>W2GKR<br>W4VC<br>WA2IIE | <b>283</b><br>K2BLA<br>N5OHL<br>WA0FQK<br>WB0CQO            | <b>275</b><br>K1MAA<br>K2NJ<br>N4GG<br>W0FK                                  | <b>267</b><br>KG6EG<br>KX9N<br>N2AMC<br>N8EHW<br>W4FSO<br>W5WP<br>W9DRB | <b>259</b><br>K1BD<br>KD4ADC<br>KG6I<br>KN5O<br>NS7K<br>NY1E<br>VE6BMX<br>W9TA<br>WA4YA |
| <b>301</b><br>N0HJZ<br>W7IB<br>W9OBG<br>WA8ZID<br>WB0TVY                 | <b>292</b><br>KJ6P<br>W1SSN                                                              | <b>282</b><br>AA0ZP<br>K0PG<br>K5TA<br>N8JCM<br>W4WM        | <b>274</b><br>KB1DMX<br>WA8MCD                                               | <b>266</b><br>K1OA<br>K1WVX<br>TG9AJR<br>VE3MSC<br>WB8EJN               | <b>258</b>                                                                              |
| <b>300</b><br>AA4V<br>K0PHP<br>K0SRL<br>KB6VFC<br>N1RR<br>WA2BAH<br>WX2S | <b>291</b><br>K0CAO<br>KS4S<br>W1WHL<br>W2CCC                                            | <b>281</b><br>AA8MA<br>JR1LZK<br>K4OY<br>NL7CO<br>W2YE      | <b>273</b><br>KM4H<br>KV1J<br>VE6SH                                          | <b>265</b><br>N5KS<br>W7CT                                              | K1NJ<br>K2HAT<br>NA2NY<br>WB7ECS                                                        |
| <b>299</b><br>DK8NE<br>VE6WK<br>W1LE<br>W8UV<br>WB5GVY                   | <b>290</b><br>JE1BMJ<br>WA8EFK                                                           | <b>280</b><br>AD7OV<br>N0KV<br>NM5Z                         | <b>272</b><br>KF8QL<br>KO4PRE<br>N4SV                                        | <b>264</b><br>AC8L<br>K4JAF<br>N0TK<br>NF1O                             | <b>257</b><br>K0CCM<br>K2KA<br>K5QE<br>KD4MYE<br>N5DTT<br>PY2XB<br>W0PPA<br>WA2HF1/O    |
|                                                                          | <b>289</b><br>K4MM<br>K9FA                                                               |                                                             | <b>271</b><br>K7NII<br>KB7FUV                                                | <b>263</b><br>AK4PR                                                     |                                                                                         |

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| <b>256</b><br>JM1IGJ<br>KL7NW<br>N8ZJN                                             | W6VFA                                                                            | <b>239</b><br>K9MQ<br>KF4LVF<br>MD0CCE<br>W6RW<br>W9YOY/M<br>WA3SEE<br>WB1FLD  | K4MIJ<br>K6HEW<br>KF6GYM<br>W9XT                                               | WN6W                                                                      | <b>216</b><br>K7RB<br>N0IS<br>N6PM<br>NE1F<br>W1AW<br>W5RWF               |
| <b>255</b><br>K8MVZ<br>KG4JPL<br>NI3K<br>W4HFZ<br>WA8KNE                           | <b>247</b><br>JA1UAV<br>N5DD<br>W3TEF                                            |                                                                                | <b>230</b><br>K1ZE<br>KO4MM<br>VA3XJ<br>WB0WAO/8                               | <b>224</b><br>JA8ISU<br>NJ8J                                              |                                                                           |
| <b>254</b><br>N7QOZ<br>NR0Q<br>VE3OTL<br>WD5ITW                                    | <b>246</b><br>K0DAS<br>K8YC<br>KK8X<br>N5TIT<br>W4FRA<br>WI7P                    | <b>238</b><br>AA3GM<br>JP1LRT                                                  | <b>229</b><br>K6RG<br>KB9RUG<br>KD5IKG<br>KE4UW<br>N4NX<br>NN5DX<br>W5LUA      | <b>223</b><br>K7UA<br>NJ7A                                                | <b>215</b><br>AL7OC<br>K2SX<br>KI5FJ<br>N2YU<br>N6KW                      |
| <b>253</b><br>KG4ERR<br>N2XQM                                                      | <b>245</b><br>N1IA<br>N3XF<br>VA3CW                                              | <b>237</b><br>K3KO                                                             |                                                                                | <b>222</b><br>K0YY<br>K2TV<br>K3AJ<br>KA1LMR<br>KD4K<br>WA2BOT            | <b>214</b><br>KB9PJL<br>VE3SYK<br>WA7AJ                                   |
| <b>252</b><br>AB5A<br>CT1EEB<br>F4BKV<br>K1ACL<br>K3NK<br>N9ATF<br>NN4RR<br>VE6NTT | <b>244</b><br>K8DV<br>N3AIU (FM08)<br>N4JRY<br>VA3ZV<br>VE3VHB<br>W0VD<br>WD4IXD | <b>236</b><br>K0SU<br>K4NK<br>KB1HY<br>N3FTI<br>N9ATD<br>W5AJX                 | <b>228</b><br>K5RUS<br>K7HSJ<br>KF2ZQ<br>N8AIA<br>W5HEZ                        | <b>221</b><br>K5WMH<br>K6CQR<br>N0PSJ<br>N4ION<br>N5UWY<br>W4IFI<br>W5JMW | <b>213</b><br>K3DFL<br>KI6X<br>W0NBC                                      |
| <b>251</b><br>AD5JK<br>KG7NV<br>NN4SS<br>W2LV                                      | <b>243</b><br>JA1QJI<br>K3TC<br>W4EJ<br>YV1DIG                                   | <b>235</b><br>ND0C<br>NN9X<br>VO1GO<br>WB6RJH<br>WT2P<br>WZ9W                  | <b>227</b><br>JM1SZY<br>K3HPA<br>K8ZT<br>K9TF<br>KS9A<br>W4KXY<br>XE1GLL       | <b>220</b><br>K7BTW<br>KK8MM<br>N7XCZ                                     | <b>212</b><br>AB5C<br>JF8QNF<br>JR3REX<br>KF7NN<br>N1SV<br>N2OA           |
| <b>250</b><br>AA9LC<br>KL0S<br>NW6R                                                | <b>242</b><br>AE4WG<br>K3WW<br>KA3TCC                                            | <b>234</b><br>KE6FCT                                                           | <b>226</b><br>AF5WN<br>GD0TEP<br>N7CNH<br>N8UR<br>NM5S<br>W0VX<br>W8RD<br>WQ6Q | <b>219</b><br>K1DT<br>K2RKJ<br>KE5RV<br>W6DPD<br>W7ZSL<br>WB2WIH (FN20)   | <b>211</b><br>K9FOH<br>NE8S<br>VE3SMA<br>W2ZDP<br>W5HNK<br>W6AER<br>W6KAP |
| <b>249</b><br>CT1IUA<br>K7LOL<br>K8AO<br>KQ5U<br>N1GC<br>N5SMQ                     | <b>241</b><br>N6NU<br>W5LO                                                       | <b>233</b><br>K1AFC<br>N5PA<br>N9NJS<br>VE7VZ<br>W3DF<br>W8PAT<br>W9TD<br>XE1L | <b>225</b><br>AC9O<br>K9QJ<br>KX9X (EN50)<br>N2WSY<br>PV8AZ<br>W8AKS           | <b>218</b><br>K1XH<br>K4IJQ<br>K5HPT<br>KB8KVJ<br>KC0VDY<br>NA5C          | <b>210</b><br>K3MSB<br>K9YC<br>KL7NO<br>N1TQ<br>N6UK<br>WQ9T              |
| <b>248</b><br>K1ZZ                                                                 | <b>240</b><br>AB5GU<br>KI0HA<br>KK4ZUU<br>KO6LU<br>VA3HP<br>W1VT<br>WA2VJL       | <b>232</b><br>IT9IPQ<br>K5FO<br>N9NJY<br>WA2OTC                                |                                                                                | <b>217</b><br>ND4V<br>W4DEE                                               | <b>209</b><br>AA4IB<br>W5WGF                                              |

|                                                                                                          |                                                                                  |                                                                               |                                                                                 |                                                                                                       |                                                                                                              |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| WA4NFO<br>XE2N                                                                                           | WQ5W                                                                             | KG6WIK                                                                        | <b>187</b><br>AA8R<br>KQ0J                                                      | N9MSG<br>NY0A<br>W4RBO<br>W9BS<br>WJ1B                                                                | W5AFD<br>WA5IPS<br>WW2R                                                                                      |
| <b>208</b><br>AI2N<br>CO8DM<br>KD5HIO<br>PV8ABC                                                          | <b>201</b><br>AA7WB<br>KC5FP<br>KO9V<br>KR0I<br>NN0K<br>NR2C<br>WA1MKE<br>WA9ASZ | <b>194</b><br>K2MRK<br>K3EA<br>N3FA<br>N9NFT<br>WF1H<br>WK8A                  | <b>186</b><br>DJ5FI<br>K6ZZ<br>K8PT<br>K9SG<br>KN4PPD<br>KN7K<br>N0XLR<br>N6ZE  | <b>180</b><br>K0OST<br>K4LYN<br>KC1MMC<br>N1RK<br>N6PEQ<br>N6VH<br>W5HI                               | <b>175</b><br>PV8BR                                                                                          |
| <b>207</b><br>N1BCL<br>N8NJA                                                                             | <b>200</b><br>4A2MAX<br>K4YJ<br>N5AO<br>N9AG<br>VA3VU                            | <b>193</b><br>K7PT<br>K9AB                                                    | <b>185</b><br>AD6W<br>KD5BQT<br>KU4UC<br>NA2R<br>PY5CC<br>W3OU<br>W5BPT<br>XE1R | <b>179</b><br>K1EP<br>KU4WD<br>N0LIE<br>N0MMA<br>NH7RO<br>VA3DPB<br>W8LHP<br>WA4QMQ                   | <b>174</b><br>K3MD<br>K6WRL<br>KC6ZWT<br>KG7P<br>KU0A<br>N1MGO<br>NA2NY (ex-NA1VT)<br>NA6O<br>W3SO<br>WA2PNI |
| <b>206</b><br>AB0CT<br>AK4Y<br>CT3MD<br>K4GHS<br>K9YC (EN61)<br>KB0LYL<br>NA5Q<br>W0BNE<br>W4EJG<br>XE1J | <b>199</b><br>N3KFB<br>W4OEP<br>WB0YEA                                           | <b>192</b><br>N1LF<br>N2NB<br>N3CAL<br>N3NR<br>N4LXB<br>N4TV<br>W6MTR<br>W8FN | <b>184</b><br>4O3A<br>AF5Q<br>K0DEW<br>KR4M<br>N1IBM<br>N4BG                    | <b>178</b><br>KA2AYR<br>KB0EO<br>KB1RZA<br>KG5RJ<br>N1ZUK<br>NQ2O<br>VE3NRT<br>W0ZY<br>W1MAD<br>WY7FD | <b>173</b><br>K2ZZ<br>K5YPV<br>KE4SCY                                                                        |
| <b>205</b><br>AF4OD<br>K8SD<br>KE4HOA<br>N5ITO<br>W8QID                                                  | <b>198</b><br>AC8TO<br>JR2HCB<br>N0UK<br>N7EPD<br>NX0I<br>W8DM<br>WA7KYM         | <b>191</b><br>K0ITC<br>K9CS<br>KK6OH<br>N9AMW<br>WA2BKN<br>WA5CAM<br>WD4JHD   | <b>183</b><br>K5RQ<br>N0UBL<br>W2UDT                                            | <b>177</b><br>AG4ZE<br>K2QQ<br>KI4BWW<br>NY4I<br>SM7FJE<br>W5ZG<br>WA8UEG                             | <b>172</b><br>AB9KZ<br>K5ZED<br>KI4PKW<br>KJ6HI<br>VE2PN<br>W4ABC                                            |
| <b>204</b><br>LU2DX<br>WA3DRC                                                                            | <b>197</b><br>K3EGE<br>N4BAF<br>W3TW<br>W5CTV                                    | <b>190</b><br>K5DB<br>K5ER<br>KC2DLD<br>N9UA<br>W1ATV<br>W2OO<br>WB0DBS       | <b>182</b><br>AJ6T CM87<br>FP/KV1J<br>K5GMX<br>K8WK<br>NZ1I<br>W9JJ<br>XE1CL    | <b>171</b><br>AA4PB<br>HP2AT<br>KC5GSK<br>KC5YCH<br>KI4TZ<br>NS3L<br>W1PX<br>W6IA<br>WA2KBZ           |                                                                                                              |
| <b>203</b><br>K0VSV<br>K5HYT<br>K5LOW<br>N0HF<br>N8SYF<br>W1RM<br>W3SZ<br>W9GFB<br>W9VOB<br>WA1KPD       | <b>196</b><br>K0AIZ<br>K0NR<br>KD3HN<br>N5DUW<br>W2AMR<br>XE2ED<br>XE2W          | <b>189</b><br>KC0MEA<br>WA5VKS                                                | <b>181</b><br>AB9FN<br>K4CMS<br>K5HDE<br>KB8YKR<br>N3XJX<br>N4DTF               | <b>170</b><br>K9TVG<br>N4GBK<br>N8CN<br>NA2U<br>W1MJC<br>W4IHI<br>W4JKC<br>WK3V                       |                                                                                                              |
| <b>202</b><br>K1BZ<br>K5GJR<br>WC7X<br>WF8Z                                                              | <b>195</b><br>AA4W<br>JA7MSQ<br>K2WJ<br>K6VDP                                    | <b>188</b><br>AD7KI<br>KD4HLG<br>W4AZR<br>WA7VHF<br>WU9Q<br>WX9M              |                                                                                 |                                                                                                       |                                                                                                              |

|                                                                                               |                                                                                           |                                                                                                                     |                                                                                                           |                                                                                                                                   |                                                                                                                    |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>169</b><br>K6XC<br>KD5OMJ<br>N2BEG<br>N5XES<br>N7PHY<br>VE3HHT<br>W8KNO                    | N5XZ                                                                                      | <b>155</b><br>AE4M<br>CT1BWU<br>K3TD<br>K6XN<br>N5RMS<br>N7AU<br>N9OBE<br>TG9ANF<br>VA3NQ<br>WV8DX                  | <b>149</b><br>AB6CF<br>K4SAN<br>KK9H<br>W3UA<br>WB4VHF                                                    | K8WU<br>N9DI<br>W5MPC<br>WO7GI<br>YV4NN                                                                                           | W4TUN<br>W6DQ<br>WA4KXY                                                                                            |
| <b>168</b><br>KG5ZMQ<br>W2PD<br>W8WEJ                                                         | <b>162</b><br>AF4GK<br>K0QB<br>KA1R<br>KD4TDI<br>N5SIX<br>W9JJB<br>W9VS<br>WA1Z<br>WB0WAO |                                                                                                                     | <b>148</b><br>AC0DQ<br>AG0A<br>K0RU<br>K7IU<br>KB2YSI<br>N0TM<br>N1TOR<br>N5ZBI<br>W6VNI (CM88)<br>WB6RAB | <b>143</b><br>K0KVR<br>K6JBH<br>K9QFR<br>KB8RJS<br>N8URE (FM19)<br>NA1VT<br>W0HNM<br>W0UHL<br>WB0MMC<br>WM5H                      | <b>139</b><br>IZ8FFA<br>KC7JPC<br>KU0G<br>N7T<br>NA2AA<br>NZ6N<br>W4OV<br>WB2JIL<br>WY0V                           |
| <b>167</b><br>K4MQG<br>KB1YNT<br>KB9REV<br>KE5EP<br>LU4FW<br>N0NHW<br>NO0T<br>TG9ADQ<br>W1BAT | <b>161</b><br>K4EA<br>KB3CWQ<br>KK9M<br>N2YBB<br>V44KAI<br>VE3LC<br>W4HOG<br>WA1LAD       | <b>154</b><br>AE4NT<br>KB9VMW<br>KD2NF<br>KW4OV<br>W3ZQN                                                            |                                                                                                           |                                                                                                                                   | <b>138</b><br>AC0XY<br>AI6O<br>KD7WPJ<br>KE0A<br>KE3D<br>KE8RO<br>KQ4KX<br>N3XH                                    |
| <b>166</b><br>I0WTD<br>JA1OVD<br>KC2GHT<br>N5VU<br>NC4RY<br>VA3WEB<br>WB4KXS                  | <b>160</b><br>AB1QB<br>JA1AFR<br>K5IQ                                                     | <b>153</b><br>AA4NC<br>AB4GG<br>K7AD<br>K7ZD<br>N1OFZ<br>N2ADV<br>N2WM<br>N6DHZ<br>W3DQS<br>W5FI<br>W9ILY<br>WB5ZAM | <b>147</b><br>AF6AV<br>IZ1LBG<br>K6PSP<br>KC1BUF<br>PV8AJ<br>VE3CX<br>W4YCC<br>W5WOX<br>WA0VPJ<br>WA3YGQ  | <b>142</b><br>N2ZA<br>NA2X<br>NC4VA<br>W5SWV<br>WA5TKU<br>WS4V                                                                    | <b>137</b><br>N1SZ<br>N5JGK<br>SM7AED                                                                              |
| <b>165</b><br>K4DXT<br>KD5HPT<br>N1JFU<br>N3FX<br>W0RIC                                       | <b>159</b><br>G0OIL<br>K4MZ<br>NS7B<br>W1EME<br>W4TTO<br>WB8NUT                           | <b>152</b><br>AA6I<br>N0RC<br>N1NUM<br>NU1T<br>UT7QF<br>WO4G                                                        | <b>146</b><br>K2GW<br>K8YTO<br>KB0YH<br>KB5ZEA<br>KC2TN<br>KM5TY<br>N4HID<br>VA2RC<br>VE1VOX              | <b>141</b><br>JA6RJK<br>K4AR<br>K9ATX<br>KT8TD<br>N9FIV<br>NV4B<br>W4FS<br>W4POT<br>W6ZI<br>WB9WHQ<br>WR7AY                       | <b>136</b><br>K0XXX<br>K4SX<br>KC5LK<br>KC9AXZ<br>KJ5RM<br>KV1E<br>N7MB<br>NO1R<br>W2JCN<br>W4AVV<br>W7UV<br>XE2JS |
| <b>164</b><br>K2SD<br>K5VWW<br>KD0UHN<br>KF9US<br>W4CSW<br>WK7G<br>WQ7F                       | <b>157</b><br>K4FX<br>KB8GC<br>KC2WUF<br>WA7NB                                            | <b>151</b><br>KO0Z<br>OE6IMD<br>W1ZT<br>W2DXE                                                                       | <b>145</b><br>KD7YZ<br>V31MD<br>VA3TTX<br>WA4JA                                                           | <b>140</b><br>AC5DK<br>BA4SI<br>CO2WF<br>K7SAM<br>KC0MEZ<br>KC8TMU<br>KJ4KVC<br>N1EN<br>N3VOP<br>NJ0U<br>VA3FLF<br>VE3KY<br>W4GPM | <b>135</b><br>CU3EQ<br>K4MWB<br>K8ZIZ<br>LY3W<br>N4DB<br>N8XE<br>W6BXQ<br>WB8BZK                                   |
| <b>163</b><br>K2JF<br>K2YSY                                                                   | <b>156</b><br>K2KJ<br>K9OHI<br>N3RN<br>N9KO<br>VE7VDX                                     | <b>150</b><br>N9LAH<br>VE3OAT<br>W7APM                                                                              | <b>144</b><br>K0TLG<br>K5TDW<br>K6JRA<br>K8MN                                                             |                                                                                                                                   |                                                                                                                    |

|              |            |              |               |                        |            |
|--------------|------------|--------------|---------------|------------------------|------------|
| WW2DX        | NO8D       | <b>125</b>   | VE7JAC        | KF6MXK                 | VE3IRR     |
| XE1H         | VE1DX      | AA7DK        | WD0GTY        | KI7BP                  | W2JLK      |
|              | VE2TZX     | K3PU         |               | KT8X                   | W2ZQ       |
| <b>134</b>   | W0PHX      | KC5DRI       | <b>121</b>    | KW4BY                  | W4ALF      |
| AB1NS        | W2LES      | W2AJM        | AE1P          | N1QDQ                  | W4UFO      |
| AB4GE        | W3FEY      | W3UQH        | K0MFI         | N3JNX                  | WO2C       |
| C6ABB        | WA2SEI     | W4DFU        | K4HBI         | N5EIL                  | WX4US      |
| GM4UYE       | WB4YDL     | WA6POZ       | K6USY         | W2AC / WB2ABK          |            |
| KE5FXE       | WW5W       | WB4OMM       | KB2WAL        | W2AC/WB2ABK <b>113</b> |            |
| KF6UFO       |            | WE1P         | KB5MH         | WB2KSK                 | AB4PM      |
| N3AIU (DN70) | <b>129</b> |              | KE4JFS        |                        | AD5MD      |
| N8GOU        | 8P6ET      | <b>124</b>   | NE0P/9        | <b>117</b>             | HB9BZA     |
| W4TKI        | JF4VZT     | K0DLW        | UR0MC         | AB5J                   | K3DQB      |
| WA3WZR       | K0KD       | KB0HH (EM06) | W8DN          | K4WS                   | KD4BPZ     |
|              | K5QWO      | KD5FTD       | WB9TFH        | N4USG                  | KD6VCD     |
| <b>133</b>   | KC8KSK     | KM1C         |               | N5JEH*                 | KM5OL      |
| KA5ETS       | KF4NEF     | KT5MR        | <b>120</b>    | N5LPT                  | N3JDQ      |
| KC1RET       | KM5LY      | N0SL         | EA1YO         | NA7L                   | N4YCI      |
| KE1VT        | KM5SC      | N9AZZ        | K2CYE         | NU6V                   | N5YK       |
| KM8V         | N9WBR      | PV8AAS       | K4AU          | W6WE                   | W0BM       |
| W0RT         |            | W0PE         | K4CGY         | WA1TBV                 | W8MSP      |
| W4GE         | <b>128</b> | W1TAM        | KD0R          | XE2PXN                 | W8VW       |
| WI5D         | JR2LJO     | W6SCQ        | KD4MZM        |                        | WD0ENC     |
| WW7Q         | KC7QAG     | W7YM         | KD5BRF        | <b>116</b>             |            |
| XE2O         | KJ6SDF     | W9CDL        | KE4SCY (FM06) | IK7EOT                 | <b>112</b> |
|              | KN4DMN     | WL7OU        | N3YPJ         | K4RGN                  | EA4DEI     |
| <b>132</b>   | N1SFE      |              | VE1JC         | KI6QDH                 | K2MLS      |
| AB3CV        | W0WT       | <b>123</b>   | VE3XK         | KU5B                   | K3GD       |
| IC8TEM       | W5ZO       | AC7AF        | WA6RAY        | N0VR                   | K5WTA      |
| K5VG         | W8FR       | K9SM         | WD4OHD        | NO0B                   | KA7T       |
| KW4G         | WB2WEO     | KB0GT        |               | W0DHB                  | N5HMH      |
| N4PPH        |            | KB0STN       | <b>119</b>    |                        | W1TR       |
| N7TP         | <b>127</b> | KG6DHQ       | AE5AU         | <b>115</b>             | W5DQ       |
| N8IK         | AA9RK      | VE3TG        | K0AWU         | K9MMS                  | W6OAT      |
| NE1I         | K3GYK      | W1HS         | K1ZN          | KE6TVM                 | W7IV       |
| VE3TM        | K7UV       | W3SE         | K2SQS         | KF0QS                  | W9PN       |
| WN6K         | K8AC       | W4PRZ        | K4MSG         | KF9AF                  | WA8TWM     |
|              | K8OS       | W5EWF        | K7JIZ         | KM5FA                  | WG3K       |
| <b>131</b>   | KB3OZC     | W7MHW        | KF7PCL        | N7VGO                  | WX3P       |
| JR1BAS       | KB9TLV     | W8BI         | KP3V          | UW5ZM                  | XE1GK      |
| K3NAT        | KC0RQH     | W8KHP        | KT0P          | VK9DX                  |            |
| KG9R         | N6UTC      | WA8WV        | KW7N          | WA3BZT                 | <b>111</b> |
| N2CJ         | VE2JWH     | WB2RVX       | N4UPX         | WC7V                   | N0SLT      |
| TF3JB        | W1FLD      |              | W0QC          |                        | PC3T       |
|              | WA6BIL     | <b>122</b>   | W4SW          | <b>114</b>             | W8GBH      |
| <b>130</b>   |            | K7AED        | W7QQ          | AC8HU                  | WZ8P       |
| AB0X         | <b>126</b> | K7OGW        | WI4T          | K2RET                  |            |
| JA3LZS       | KJ7G       | KA9JAC       | WM9M          | K3RTU                  | <b>110</b> |
| K0GUR        | N0BDS      | KB4UF        |               | K9AAN                  | G4BWP      |
| K4JKB        | N7DGI      | KB5WFE       | <b>118</b>    | KC4GCK                 | K5KR       |
| K8LG         | WB4HUC     | KC5UGX       | J68AS         | KG9Z                   | K7LD       |
| KC4NX        | YL2AO      | N5HYV        | K4AZV         | NF8M                   | KD5J       |
| NG9R         |            | VE6PY        | KA4LBD        | VE1WOW                 | KI0F       |



|            |            |            |            |            |             |
|------------|------------|------------|------------|------------|-------------|
| KP4JRS     | NF0T       | IK4DRY     | AD6KH      | <b>100</b> | M5MYH       |
| KQ4LA      | US0KW      | K5PPP      | K0HAQ      | AC0FT      | N4FV        |
| KX5U       | W2TTT      | KB9RNO     | K3HW       | AI2S       | N7HRT       |
| N5TIF      | WB4PPW     | KC1LXO     | K9AM       | AI9U       | N7JPF       |
| N5YM       |            | KC2TR      | KA3ZLS     | K2UA       | N7TE        |
| W7JET      | <b>106</b> | KD9GKL     | KB8CR      | K4UQC      | N8GHZ       |
| W7UP       | K0MEI      | KJ7OG      | KC6WFS     | K5GM       | N8YV        |
|            | K5BJW      | KM6WXB     | KC8DMN     | K5KV       | N9MKC       |
| <b>109</b> | K7BWH      | KO4LZ      | KD8NYO     | K8IJ       | NB5R        |
| AK6ZZ      | K7JE       | N0STP      | KE1AU      | K9CC       | NH6CJ       |
| IW1ARB     | KB0TIJ     | N1LDY      | KJ4M       | KB9ZLB     | NI5W        |
| K2DSW      | KC7ICM     | N2FBQ      | KR5V       | KC2HLI     | NS2P        |
| K2JGL      | KE5JXC     | N3UPS      | N1HOQ      | KC8CC      | VE2HAY      |
| K2OO       | KJ6MBW     | N7AGF      | VE7ZD      | KC9CMT     | W2HOG       |
| K5DNL      | KK2DOG     | NJ1H       | W4RVZ      | KD3SW      | W2VU        |
| K9GY       | N0RQ       | VE2PIJ     | W5DPT      | KE5CVM     | W5JLC       |
| KE6GLA     | N1USB      | W1TE       | W5OV       | KF0Q       | W6TJU       |
| KJ6CA      | N2IPH      | W1ZE       | W7UT       | KG5X       | WA5TRX      |
| KZ7N       | N4CE       | W4KVS      | W9NFL      | KJ5OA      | WB5NHX      |
| N8TMW      | N5FPW      | W6ZQ       | WA8EQP     | N3TBB      | WB7VVD      |
| N9TTX      | N5YHF      | W9EBK      | WB5FDP     | N4NIA      | WK5X        |
| VE3AAQ     | N8HM       | W9MDB      |            | N5RZK      | WW2R (EL09) |
| W0YJT      | N9XMU      | WB2VUO     | <b>101</b> | N5XTR      |             |
| W1OP       | VA3OKG     | WB8BZK/VE3 | AE7V       | N7EME      | <b>98</b>   |
| W4ZRZ      | VE3AJY     |            | K0IN       | N8COP      | AC2RL       |
| W5MPC/1    | WB6VYH     | <b>103</b> | K0SBV      | N8XS       | AD8Y        |
| W7RJR      | WQ9F       | AA5CK      | K0WJ       | VP2MRM     | K0KC        |
| WB6YIY     |            | AB0YM      | K2NUD      | W2CH       | K0UD        |
| WB9W       | <b>105</b> | AB5SS      | K5DWI      | W4/KL7GLL  | K3IXD       |
|            | AC4Q       | K2OY       | K5HX       | W4OZK      | K3QIA       |
| <b>108</b> | DS4EOI     | K4MVL      | K7SYS      | W8BZY      | K4OP        |
| CF3VRQ     | K4SJA      | K8ZEE      | KB1JDX     | W9DQ       | K5HOB       |
| JA9IPF     | K9MAL      | KA1W       | KB4KBS     | WA5TLP     | KA1EKR      |
| JP7EIP     | KB3JGS     | KB0FHP     | KC6AWX     | WV9E       | KE4LGL      |
| K5OPB      | KC0JYT     | KB2SGX     | KC8CSD     |            | KG4YOU      |
| N3MWQ      | KC4KK      | KC9FFV     | KG8WB      | <b>99</b>  | KG7E        |
| VE3SUB     | KF4DGS     | KF0AIJ     | KG9IL      | AB0SD      | KJ2G        |
| VE7IG      | KJ7TH      | KF4DVG     | KL2R       | AB3TM      | KK0CQ       |
| VY2RU      | N4NQY      | KR4NO      | KR4WM      | K0YO       | KY0Q        |
| W4AMP      | N5SAN      | N0YXE      | KR7LD      | K4KEW      | N0JJQ       |
| W4CRN      | N7YY       | N1JIF      | N1IX       | K4WQ       | N1JHJ       |
| W5AAJ      | NE9O       | NF6P       | N4AOE      | K4ZO       | N3LRP       |
| W8EH       | PU4JOE     | NN2D       | N8VEA      | K5VPQ      | N5TEY       |
| W9VNE      | VE3VRQ     | VE7DXG     | N9DVS      | K7DD       | N8AID       |
|            | W8MIL      | W0TF       | ON9CMR/W0  | K7PAP      | NO5X        |
| <b>107</b> | W9RVG      | W3LEO      | VA2LGQ     | K9ZZE      | NO8R        |
| JA3EGE     | WA4MYO     | W6IT       | W4LLP      | KA0ZEE     | VA3VF       |
| K5UIC      |            | W6XU       | W5KBD      | KC2IEB     | VE4XTZ      |
| KF7PG      | <b>104</b> | XE1RBV     | W7ISG      | KC6X       | W2KRP       |
| KI9A       | AB9YC      |            | WB8IMY     | KD4MWO     | W6TE        |
| KK4LUM     | AC5K       | <b>102</b> | WD5IYT     | KD6RUH     | WA2FGK      |
| N3TTT      | AC5RN      | AA9MY      |            | KG9AP      | WA3TLT      |
| N9OI       | AC9QR      | AB8JH      |            | KR4UA      | WB1GQR      |

|              |           |           |           |           |           |
|--------------|-----------|-----------|-----------|-----------|-----------|
| WB2YDS       | K2CK      | KF6XA     | KE3WM     | KC9UL     | N6FD      |
| WD0E         | K2UF      | KI0SK     | KF0LA     | KD0QG     | N6RPM     |
| WH6LR        | K2UNK     | KW9U      | KG4NLZ    | KE6AZX    | N7DED     |
| WT5H         | K4EQH     | N1XK      | KU4JZ     | KE6UMW    | NS6E      |
| WV5Y         | K5CRJ     | N2SLO     | KV3W      | KE8RPJ    | UT5JAJ    |
|              | K8EMR     | N2WLS     | N0LNE     | KE9V      | W1PV      |
| <b>97</b>    | K9OT      | N3WAV     | N0LP      | KI0J      | W2ACY     |
| AB8M         | KA2NDX    | N4ET      | N2SU      | KK7MNC    | W2CVW     |
| AJ9C         | KA3HED    | N5BLY     | N3JBH     | N2BX      | W3ACO     |
| K0HB         | KB5GI     | N5ENU     | N3XBG     | N2YTF     | W3HZU     |
| K0JQZ        | KB8PNS    | N5KI      | N3YUG     | N3AO      | W4BP      |
| K0QEI        | KC0HBP    | N9IV      | N5ZMP     | N3ZBK     | W4LIA     |
| K0SH         | KD6PY     | N9LJX     | N6HY      | N4GOA     | W6NS      |
| K0YQ         | KI5TE     | PY2KP     | N6MXU     | N4YHC     | W8JV      |
| K3HZO (FN20) | KM2O      | VA3KS     | N7NH      | N7EGY     | W9HBH     |
| K4GTR        | KM5NU     | VA3PZ     | N7UN      | N7JI      | WA3JKB    |
| K4JQU        | KR4EE     | VE3KZ     | N8WWM     | N7KSI     | WA4EEZ    |
| K8XF         | KS4V      | VE3SPW    | N9DD      | NA9D      | WM3O      |
| KA2BSK       | KT5RR     | W4YZJ     | N9UNX     | VA3JFF    |           |
| KA7EII       | N0WVU     | W5ADA     | VA3MA     | VA7QI     | <b>91</b> |
| KC0YBM       | N2LID     | W5CBF     | VE3RX     | VE3WMD    | AA0CW     |
| KD5CKP       | N2VHZ     | W5RCQ     | VE5MX     | VK5PJ     | AD3Y      |
| KF4KSN       | N2XK      | W7JWC     | VE7AB     | W0MHK     | CO2WZ     |
| KM4NYI       | N8PAQ     | W9SX      | W2GR      | W2VTV     | K1UR      |
| KT5WB        | N8YBY     | WA2ONK    | W3IPA     | W3ZGD     | K4SPA     |
| N1VMJ        | NT2A      | WA3I      | W3TA      | W4VG      | K6YK      |
| N3UMA        | NW5Q      | WA4WR     | W4LNG     | W5DMT     | K7HPN     |
| N4BH         | NY2Z      | WB2SIH    | W5ODD     | W5DWA     | K8OI      |
| N6MA         | VE2DCP    | WD8DOT    | W5PUF     | W7EIR     | KB2YWU    |
| N9APK        | W1HMM     | WS4S      | W7NX      | W7TRX     | KB3IAI    |
| N9IO         | W3VHF     | XE2AT     | WA7LHZ    | W9IFW     | KB3NDS    |
| N9KY         | W4KK      | <b>94</b> | WA9BKB    | W9NED     | KB4YKC    |
| NK7C         | W4TMR     | AA4RP     | WT9U      | W9WI      | KB7AZ     |
| NU0Y         | W7JHS     | AB4VT     | WV7S      | WA5ICA    | KC5POV    |
| NV3K         | WA3EEC    | AD1DX     | <b>93</b> | WB5CON    | KC8LGL    |
| VA3FIN       | WB0M      | AK8CW     | AG2A      | <b>92</b> | KE1IU     |
| W3QT         | WB5KJE    | HK4SAN    | AG6CV     | K1EY      | KE7RTB    |
| W4CWA        | WP4LNY    | K0ARM     | AI8F      | K5GDX     | KG4QWC    |
| W4DAS        | <b>95</b> | K3BEE     | K0IW      | K5TDA     | KI3O      |
| W4ID         | AB9AI     | K3TUF     | K1PTF     | K7FU      | KI5BLU    |
| W7DN         | AE0G      | K4JRK     | K1ZK      | K7HKR     | KM7N      |
| WA6OSX       | AE5EO     | K4LDC     | K2AK      | K7UWR     | KM9I      |
| WA9LEY       | IK8YTA    | K4NNX     | K2MTS     | KB0PQP    | KQ6K      |
| WB8RVK       | K1PNQ     | K8GT      | K4DAM     | KC4JNW    | N3PPH     |
| WB8ZTV       | K4ED      | K9DOG     | K5TRI     | KD4QMY    | N3WCM     |
| WB9PNU       | K8BB      | K9SUL     | K6RM      | KE4WBO    | N6DW      |
| WE8L         | K8KFJ     | KA2F      | K7IP      | KG4URP    | N7CZ      |
| <b>96</b>    | K8ME      | KA9UVY    | K7TRK     | KR7X      | N8DEZ     |
| AD5OW        | K8VD      | KB7AK     | KB0USF    | N2SG      | NR4J      |
| AE4TQ        | KD7WH     | KC0AUY    | KC5TGT    | N3GH      | NU4N      |
| AK4F         | KD8DR     | KC3AK     | KC5TT     | N4VN      | OE9KFV    |
| HB9EFK       | KD9ZR     | KD4VRZ    | KC9TTR    | N5QO      | VA2BBW    |
|              |           |           |           |           | W2SUB     |

|              |           |           |           |           |           |
|--------------|-----------|-----------|-----------|-----------|-----------|
| W4MLN        | KF4TVL    | N4KIN     | VA3MDB    | KB9LIE    | <b>79</b> |
| W5KDA        | KI0G      | N4UC      | VA7LM     | KC1UYZ    | K4RW      |
| WB0NRV       | KI4FW     | N5VBK     | VE7IRU    | KK7BV     | K5JBT     |
| WB7X         | KI4US     | NS3X      | W8IW      | KU4WW     | KB4DSL    |
| WC4V         | KR4U      | NT4TN     | WA1PMA    | N5PD      | KP4N      |
| XE1GZU       | KT3X      | VE2VLJ    | WB4GCS    | N6KTH     | N2COP     |
|              | N2GZ      | W2BZR     | XE2AU     | SV2AEL    | N5YJZ     |
| <b>90</b>    | N5KAE     | W3YX      |           | TG9AKH    | N9RC      |
| AA0LM        | N8YSZ     | W4DL      | <b>85</b> | W7USB     | VE3CFK    |
| AB4WL        | N9RG      | W4R XR    | AC9GK     | WD6T      | W2GW      |
| AB9DU        | N9UDX     | W7HDD     | EI3IO     | WD9IOK    | W2SKI     |
| AF5BG        | NE2U      | WA2BTR    | K1UU      | WI6Z      | WN0L      |
| DL1SMA       | VE3VCF    | WA5MD     | K4LRP     | XE1MM     |           |
| JH4JNG       | W0HRO     | WK3N      | KB3MXK    |           | <b>78</b> |
| K1HC         | W1HY      | WV8O      | KC0V      | <b>82</b> | IZ8EDJ    |
| K1KA         | W2JEK     | XE1SOV    | KE4DRF    | AD4IE     | K2QPN     |
| K3CWF        | W2OK      |           | KK4AND    | CB0ZA     | SP5QWB    |
| K3UAL        | W4ZMM     | <b>87</b> | N2RJ      | K3RJK     | TG9AWS    |
| K4AAP        | W6V NQ    | AC0A      | N4LS      | K4JMX     | W4NE      |
| K4FTP        | W9HT      | AG4I      | NJ1Q      | KA5WSS    |           |
| K4XZ         | WA7SDI    | K4JC      | VE3GFN    | KC5YKX    | <b>77</b> |
| K8EAB        | WB3IAL    | K5UZ      | VE7DAY    | KG4KVZ    | K1IFJ     |
| KA5TJI       | WM6Y      | K5WO      | W1WV      | N1SF      | MI0AYR    |
| KB5FHK       | WQ5C      | K6UIP     | W3STU     | PU8TEP    |           |
| KB7BSA       | WR5AY     | KB1VUN    | W4IT      | W5DAS     | <b>76</b> |
| KK4DZP       | XE2NL     | KC8NAH    | W4RA      | W5DM      | K0WYN     |
| KW3DX        | XE3DX     | KE6WOX    | W6ST      | W7YOZ     | K6MAA     |
| N2ULL        |           | KI6RRD    | W7SIR     | W8GG      | KI4CYB    |
| N4BRF        | <b>88</b> | N0ELA     | W8DQ      | WA2ONG    | KI7WXP    |
| N5BA         | AA4QE     | N2CJN     | W9QY      |           | N1GNB     |
| N9JJ         | AE0DX     | NA5DX     | WA4WKL    | <b>81</b> | N2MH/4    |
| VA3XOV       | AE4OF     | NE5S      | WD4LSS    | AB4I      |           |
| W9CPV        | AF4MI     | NI5F      | WF4R      | DF3CB     | <b>75</b> |
| W9CSY        | K1RS      | NN7RM     |           | KE4DZU    | G4RGK     |
| WA2BEV       | K3TN      | W8GOC     | <b>84</b> | N6MM      | K3PP      |
| WA8OJR       | K4XD      | WB3IGR    | CT3FT     | N7NEV     | K6VHF/HR9 |
| WD9HCF       | K7CTV     | WB8JAY    | K4EZY     | NI4Y      | K8QM      |
| WE7H         | K7WV      | WF4W      | KE6NDG    | W3MC      | N5GH      |
| WEST SEATTLE | W7XV      |           | N1KI      | WA4ZXV    | NP3YL     |
| WH6LE        | K9JF      | <b>86</b> | N2NWS     | WA8ZNC    | W4LVH     |
| WT4C         | KB2KIR    | AG1T      | VE2WBK    | XE1EE     | W5UC      |
| XE3/K5ENS    | KC1GWX    | K7FB      | W8PU      |           | WP4NEG    |
|              | KC3MLC    | KA9OKH    | W8SGR     | <b>80</b> | ZL3AAU    |
| <b>89</b>    | KE8UM     | KB7JJG    | ZS6NK     | AC6BW     |           |
| AB1TZ        | KI2D      | KI6HQT    |           | G4FKA     | <b>74</b> |
| AG2AA        | KI4RFM    | KN4MMH    | <b>83</b> | K7FR      | AK8B      |
| AG7NR        | KJ4KW     | KP4TB     | AA6E      | KE4PT     | CX4AAJ    |
| G4NBS        | N0OK      | KT1R      | DL5XJ     | KR4Q      | KF2TI     |
| JQ1TIV       | N1CEO     | N2NF      | K1LH      | KW1DX     | LU4FPZ    |
| K4BMM        | N2MKT     | N3MVF     | K4SQC     | N2NS      | VE6SO     |
| K5CX         | N2ZN      | N8TFD     | K6JJ      | VY2HF     | VK4CZ     |
| K5JAZ        | N4CAG     | NZ3O      | K8SIA     | W5TTY     | WC6DX     |
| KA0MWA       | N4GN      | SV1RK     | KB3HHA    | W7AM      |           |

|                                                                      |                                                            |                                                                                       |                                                          |                                                                          |                                                                                               |
|----------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>73</b><br>JF1IRW<br>VP2MJD<br>W4WT                                | <b>64</b><br>K3BQ<br>WD5GRW (EM150C)                       | PP1CZ<br>CT1ETE<br>N8OFS<br>OH4UI<br>VE9FCP                                           | <b>38</b><br>DD3KF<br>DG7RO<br>DU1EV<br>K8YSE            | K0FMI<br>OH3DP                                                           | VE6TA (DO31)                                                                                  |
| <b>72</b><br>N4II<br>PV8ADI                                          | <b>63</b><br>EA1DR<br>HL2EIZ<br>KB0RFY                     | <b>50</b><br>N8MR                                                                     | <b>37</b><br>BA7NQ<br>HL4CJG<br>JA9APS<br>JH9DRL         | <b>27</b><br>E70A<br>KC9ELU<br>WP4NIX                                    | <b>18</b><br>AJ6V<br>HL4GAV<br>KJ4EU<br>W0HBH                                                 |
| <b>71</b><br>K0GW<br>K4GK<br>K5WPN<br>NP4TT<br>W2YR<br>W3FGP<br>WC5M | <b>62</b><br>HB9ALO<br>K4DXA<br>N6ZDH                      | <b>48</b><br>G8BQX<br>HL2IFR<br>JA9KRO<br>K0BBC/R<br>KI5KC<br>N6DBF<br>NP3IR<br>YL3HA | <b>36</b><br>JA1WSK                                      | <b>26</b><br>DS4AOW<br>WB7QXU                                            | <b>17</b><br>G3LZQ<br>PY2XAT<br>SP5XMU<br>W0JM                                                |
| <b>70</b><br>GI4SJQ<br>K4BNC<br>KC0ZRX<br>N6GEO<br>W2QO<br>W4GP      | <b>61</b><br>CU3AN<br>K4MLB<br>N0GVK<br>US5WE              | <b>47</b><br>HB9RYZ<br>JE1VTZ                                                         | <b>35</b><br>GI4OWA<br>LU9DO<br>UR5WA                    | <b>25</b><br>EA4/K1WE                                                    | <b>16</b><br>N6VHF<br>SV8CKM<br>TI2CDA                                                        |
| <b>69</b><br>K3WGR<br>W1YM<br>WD4LBR                                 | <b>60</b><br>HB9BIN<br>IZ4DPV<br>KP4JFR<br>S55DX<br>UR9QQ  | <b>45</b><br>JA6WJL<br>K4TXJ                                                          | <b>34</b><br>G4SEU<br>LA2QM                              | <b>24</b><br>EI2JD<br>F1RAF<br>F4BDG<br>HB9G<br>KS4YX<br>ON6AB<br>PA7TWO | <b>15</b><br>9K2BM<br>EI2GLB<br>HB9FMN<br>HB9HIT<br>JE2UFF<br>LU5FF<br>PY2RN<br>UT3UA<br>WC2C |
| <b>68</b><br>AA4S<br>EH7CD<br>K6CF<br>KJ7TEA                         | <b>58</b><br>KC6NBI<br>SV8CS<br>WA2MUA                     | <b>44</b><br>WO3T<br>XE2YWH/1                                                         | <b>33</b><br>W8GC<br>WB4SON<br>WB8TGY (EN72)             | <b>23</b><br>GM4ILS<br>K4SLC<br>KP4EIT<br>W8MK                           | <b>14</b><br>EA8MT<br>JA2XCR<br>KB8DVT<br>PA7RA<br>PV8RR<br>PY2OC<br>W9TTY                    |
| <b>67</b><br>JG2TSL<br>W7YED                                         | <b>57</b><br>IK1ZOF<br>JL1UXH<br>JL3MCM<br>N5LJL<br>WD5GRW | <b>43</b><br>8P6SH<br>CT1EEN<br>HB9RUZ<br>K4ZIN                                       | <b>32</b><br>DM2RM<br>N3LRH<br>SM6WET<br>ZL3TE           | <b>22</b><br>9H1SP<br>IZ3ENH<br>OE3SGU                                   | <b>13</b><br>K4WY<br>PY2MC<br>W4PWF                                                           |
| <b>66</b><br>K6KLY<br>KK4YEL<br>UX1UA                                | <b>56</b><br>KI5WA<br>LU8ADX<br>NI6T                       | <b>41</b><br>E75AA<br>N6PAZ                                                           | <b>31</b><br>K7TM                                        | <b>21</b><br>EA1YN                                                       | <b>12</b><br>EA3GP<br>F4ESV<br>HB9DDZ<br>IK2RPE<br>JK1UNZ<br>JN1RQV<br>N1IW<br>VE3LYC         |
| <b>65</b><br>JA1XEC<br>K4IM<br>K5EJ<br>N7UJJ<br>OK1MP<br>W4CCS       | <b>55</b><br>LA3MHA<br>WA2EMF                              | <b>40</b><br>HA5PT<br>JF1LMB<br>JR0QFA<br>WB8TGY                                      | <b>30</b><br>E72X<br>JL3LSF<br>JO7WXN<br>LA6OP<br>WA6DNR | <b>20</b><br>CX1FK<br>I1FQH<br>JM1KVV<br>N1WC<br>PY5EW<br>W8LR           |                                                                                               |
|                                                                      | <b>54</b><br>AG4KI                                         | <b>39</b><br>AA5PK<br>YL2JZ                                                           | <b>29</b><br>HL2WA<br>OE4VIE<br>SP5APW                   | <b>19</b><br>DL1TS<br>EA6BB<br>JI4WAO<br>JR3UIC<br>PY2HN<br>SP8NR        |                                                                                               |
|                                                                      | <b>53</b><br>K0BBC                                         |                                                                                       | <b>28</b><br>CT8/K0RUI<br>JA6CRP                         |                                                                          |                                                                                               |

|           |           |                 |             |
|-----------|-----------|-----------------|-------------|
| ZS6WB     | ZS4TX     | HA9PP           | <b>1</b>    |
|           |           | HL2ZN           | 3A2MW       |
| <b>11</b> | <b>6</b>  | IK0WRB          | 9A2EY       |
| A65BR     | CT2FEY    | IK8EPC          | AJ6T (EM66) |
| DL2OE     | DL1TRK    | IW3GJF          | BD4UJ       |
| EA4DAU    | DU0A      | JI1CHH          | CT1AHU      |
| EA4ZK     | EI2JC     | JM1GHT          | DH8BQA      |
| G4CTY     | JA7NGE    | JN1BPM          | DJ3ZF       |
| IZ4GWE    | PY2VA     | JR6IQI          | DL2DCX      |
| JA2KVB    |           | KC0Y            | DL4ZAB      |
| JA6QHJ    | <b>5</b>  | PY5IP           | DS5DNO      |
| PY2DV     | DL5LH     | SA7CJO          | DS5TOS      |
| PY2GM     | EA1AAA    | SV1VN           | EA3WD       |
|           | EA7ZY     | W1CBY           | EA4GQS      |
| <b>10</b> | IK8GYS    | WD9EWK (DM43)   | FI1VEV      |
| DL4CF     | JI5USJ    | YB1TJ           | G4CFS       |
| HB9BOS    | JJ1IDW    | YL2CA           | G4VSS       |
| JI2UDK    | KB8VAO    | YL2MU           | G6MXL       |
| PA5KT     | M1VPN     |                 | G7SQS       |
| SV2DCD    | MU0GSY    | <b>2</b>        | G8TTI       |
| TF3Y      | OK1IN     | 5B4ALJ          | IK5BSC      |
| UR7DWW    | ON5UE     | 6K5XZE          | IW0AFS      |
|           | PP2RON    | 9A2GA           | IZ0BTV      |
| <b>9</b>  | 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    | <b>4</b>  | ES8JX           | JI1HNC      |
| JA2FGL    | CT7/RC2A  | F5TMJ           | JJ1PFC      |
| JE1LFX    | DD6UAH    | G0THY           | JL2ULM      |
| KD3UY     | EK/RX3DPK | G4DDL           | JN3ONX      |
| S51NM     | F1DFR     | G8GNI           | KC3KJQ      |
|           | GM4CFS    | GI4ONL          | KG4JSZ      |
| <b>8</b>  | 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      |
| <b>7</b>  | XE1SAX    | K4KZM           | SM6LPG      |
| DH0GSU    |           | K7LY            | SP7EXY      |
| G8APB     | <b>3</b>  | KEN IN NEBRASKA | SK5NRY      |
| IZ0INX    | DF1ZN     | LA2CQ           | UN8G        |
| JA2NDQ    | DJ5AV     | OH3KAV          | UR5EDX      |
| LA3DV     | DL2KQ     | SV1XV           | VR2VGM      |
| N5ORT     | EA1AR     | SV3FUO          | WB7VUF      |
| NJ4Y      | EA4D      | YB2DX           | YO8WW       |
| UR5FEO    | G3LHJ     | YL2KF           |             |