National Contest Journal

Volume 51 Number 2 ■ March/April 2023

National Contest Journal (ISSN 0899-0131) is published bimonthly in January, March, May, July, September and November by the American Radio Relay League, 225 Main St., Newington, CT 06111-1494, USA. Periodicals postage paid at Hartford, Connecticut, and at additional mailing offices. POSTMASTER: Send address changes to: National Contest Journal, 225 Main St., Newington, CT 06111-1494, USA.

Publisher

American Radio Relay League 225 Main St, Newington, CT 06111 Tel: 860-594-0200 Fax: 860-594-0259 (24-hour direct line)

E-Mail: hq@arrl.org Web: www.arrl.org

Editor

Lee Finkel, KY7M ars.ky7m@gmail.com

Managing Editor
Rick Lindquist, WW1ME
ww1me@roadrunner.com

NCJ Website Kirk Pickering, K4RO, Webmaster www.ncjweb.com

ARRL Officers
President: Rick Roderick, K5UR

Contributing Editors

Mike Goldstein, VE3GFN—Little Pistol Pages Jon Jones, NØJK—VHF-UHF Contesting! John Miller, K6MM—*NCJ* Profiles Don Daso, K4ZA—Workshop Chronicles Gerry Hull, W1VE—Remote Radio Neil Rapp, WB9VPG—Next-Gen Contesters

Dr. John W. Thompson, K3MD—Book Reviews North American QSO Party, CW Dave Mueller, N2NL 10206 Summerlake Dr., Mobile, AL 36608 cwnaqpmgr@ncjweb.com

North American QSO Party, SSB Bill Lippert, AC0W 2013 6th Ave, SE, Austin, MN 55912-4321 ssbnaqpmgr@ncjweb.com

North American QSO Party, RTTY Mark Aaker, K6UFO 300 Berry St., Unit 1009, San Francisco, CA 94158-1668 rttynaqpmgr@ncjweb.com

North American Sprint, CW Ward Silver, NØAX 712 Jefferson St., St. Charles, MO 63301 cwsprintmgr@ncjweb.com

North American Sprint, RTTY Ed Muns, W0YK P.O. Box 1877, Los Gatos, CA 95031-1877 rttysprintmgr@ncjweb.com

Advertising Information Contact: Janet Rocco, tel 860-594-0203; fax 860-594-0303; jrocco@arrl.org

NCJ subscription orders, changes of address, and reports of missing or damaged copies should be addressed to ARRL, 225 Main St., Newington, CT 06111 and be marked NCJ Circulation. ARRL members are asked to include their membership control number or their QST mailing label.

Submit articles, correspondence, and club newsletters to NCJ, Lee Finkel, KY7M, 1011 W.Las Palmaritas Dr., Phoenix, AZ 85021.

The NA Sprint and NA QSO Parties are not sponsored by ARRL.

Yearly Subscription rates: In the US \$25

US by First Class Mail \$34

International and Canada by airmail \$32

All original material not attributed to another source is copyright © 2023 by The American Radio Relay League, Inc. Materials may be excerpted from *NCJ* without prior permission provided that the original contributor is credited, and the *NCJ* is identified as the source.

In order to insure prompt delivery, we ask that you periodically check the address information on your mailing label. If you find any inaccuracies, please contact the Circulation Department immediately. Thank you for your assistance.

Table of Contents



2 From the Editor Lee Finkel, KY7M

FEATURES

- 4 Five/Nine, Three-Five: D4Z in the 2022 CQ WW SSB Kelly Jones, NØVD
- **8** A DXpedition to Iceland for the SAC CW a Contest that Wasn't! *George Wagner, TF/K5KG*
- 12 Some Factors in RTTY Signal Quality Gary Johnson, NA6O
- 15 70 Years of Contest Memories Part 2 Jim Neiger, N6TJ
- **19** Advancing the Art of Radiosport at W7RN *Tom Taormina, K5RC*
- **22** Confessions of a Contest Junkie *Ned Stearns, AA7A*

Columns

- 26 NCJ Profiles: Bob Beaudoin, WA1FCN John Miller, K6MM
- 29 Workshop Chronicles Don Daso, K4ZA
- 30 The Little Pistol Pages Mike Goldstein, VE3GFN
- **31** VHF-UHF Contesting! *Jon Jones, NØJK*
- 33 Remote Radio Gerry Hull, W1VE
- 34 Next-Gen Contesters Neil Rapp, WB9VPG
- 35 NCJ Book Review: More Arduino for Ham Radio

ADVERTISING INDEX

Alfa Radio Ltd: 14 Array Solutions: Cover 2 DXEngineering: 23 Elecraft: Cover 3 FlexRadio Systems: 21 Green Heron Engineering, LLC: 3 ICOM America; Cover 4 Unified Microsystems: 32