

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, N0JK—VHF-UHF Contesting!

John Miller, K6MM—NCJ Profiles

Don Daso, K4ZA—Workshop Chronicles

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, N0AX
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.

Table of Contents



- 2 From the Editor
Lee Finkel, KY7M

Features

- 3 WRTC 2022: My Experience
Randy Thompson, K5ZD
- 8 WRTC 2022: Our I44W Winning Effort
Yuri Onipko, VE3DZ
- 13 WRTC 2022: A Referee's Perspective
Mike Fulcher, KC7V
- 15 WRTC 2022: A Judge's View
Rusty Epps, W6OAT
- 17 Responses to Survey from WRTC Team Leaders, Team Mates, and Referees
Lee Finkel, KY7M
- 19 WRTC Photos
- 23 Contesting Observations from the Steep Part of the Learning Curve — Phone Edition
Paul Christy, MD, N0GN
- 27 Introducing the FT4 NCCC Sprint Short Message Sequence
Peter Driessen, VE7AB and Ed Muns, W0YK

Columns

- 31 NCJ Profiles: Hans Brakob, K0HB *John Miller, K6MM*
- 35 The Little Pistol Pages *Mike Goldstein, VE3GFN*
- 37 VHF-UHF Contesting! *Jon Jones, N0JK*
- 39 Workshop Chronicles *Don Daso, K4ZA*
- 41 Next-Gen Contesters *Neil Rapp, WB9VPG*

Advertising Index

- Alfa Radio Ltd: 14
- Array Solutions: Cover 2
- ARRL: 44
- DX Engineering: 34
- The DX Mentor Podcast: 38
- Elecraft: Cover 3
- FlexRadio Systems: 30
- Green Heron Engineering, LLC: 36
- Ham Radio Outlet: 43
- ICOM America: Cover 4
- Unified Microsystems: 38

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.