

contents

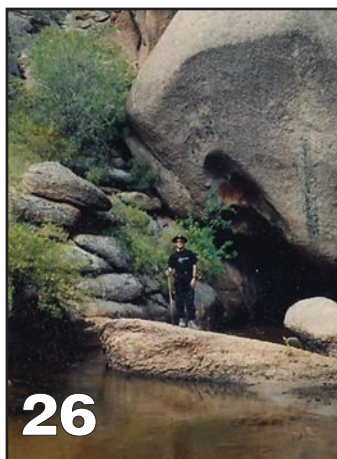
JUNE 2022 • VOLUME 78 NUMBER 06



69 COVER: LEARNING CURVE: FIELD DAY ADVENTURES!

by Ron Ochu, KOØZ

CQ "Learning Curve" editor Ron Ochu, KOØZ, operates Morse code at ARRL Field Day with the St. Charles Amateur Radio Club outside Wentzville, Missouri. Ron covers Field Day basics in his column this month and Propagation Editor NW7US looks ahead to likely propagation conditions for this year's event in his column, all part of our annual Take it to the Field Special. (Cover photo by Debbie Ochu, KC9ULA)



features

8 HAMS RESPOND TO FLOODING DISASTER IN SOUTH AFRICA

CQ Interviews: Deon Fraser, ZS5DCF
By Martin Butera, PT2ZDX / LU9EFO

12 CQ REVIEWS: ICOM IC-705 HF/VHF/UHF QRP PORTABLE TRANSCEIVER

By R. Scott Rought, KA8SMA

16 PERIPATETIC MORSE (PM)

By Paul Signorelli, WØRW

20 BANDPASS FILTER FOR CROWDED SETUPS: BUILD, BUY OR A LITTLE OF EACH?

By Frank M. Howell, Ph.D., K4FMH

26 EXPLORING THE LOST CREEK WILDERNESS AREA

By Paul Signorelli, WØRW

30 RESULTS OF THE 2021 CQ DX MARATHON

By John Sweeney, K9EL

38 CQ CLASSIC: 75 Years Ago — The Birth of the CQ DX Marathon

By Herb Becker, W6QD (December 1946)

41 FULL GALLON: THE BENEFITS OF RUNNING FULL LEGAL POWER

By Bob Locher, W9KNI

44 PRECISE POSITION INDICATOR FOR TV ANTENNA ROTATORS

By Gary Cachules, N2AMC

46 ANALOG MOVEMENT IDENTIFIER

By Dan Swenson, KBØVKS

48 A DIFFERENT KIND OF WIRELESS: HUMAN BODY COMMUNICATION

By Martin Butera, PT2ZDX / LU9EFO

TAKE IT TO THE FIELD SPECIAL: Ahh June ... the month when spring melds into summer and the great outdoors calls with warm pleasant weather. And hams flock to the open air for Field Day 2022. Read all about how to take your radio outside for some fresh air on pages: 8, 12, 16, 20, 26, 59, 62, 66, 69, 108.

columns

- 52 **MATH'S NOTES:** Using Commonly Available Items for Amateur Radio Purposes
By Irwin Math, WA2NDM
- 54 **THE LISTENING POST:** World Loses Yet Another Broadcaster as Voice of Greece Shuts Down
By Gerry Dexter
- 59 **EMERGENCY COMMUNICATIONS:** Hi de K3PFW, John, QTH Georgetown, Delaware
By John Ferguson, K3PFW
- 62 **KIT-BUILDING:** The ME40+: Keeping a Classic Alive
By Joe Eisenberg, KØNEB
- 66 **QRP:** Video Killed the QRP Star
By R. Scott Rought, KA8SMA
- 74 **HAM RADIO EXPLORER:** Getting on the Air with Contesting
By Anthony A. Luscre, K8ZT
- 78 **MF/LF OPERATING:** Thoughts on High Voltage Remote Band-Switching for 630 and 2200 Meters
By John Langridge, KB5NJD
- 84 **ANALOG ADVENTURES:** Using Vitamin K (Kirchhoff)
By Eric P. Nichols, KL7AJ
- 86 **ANTENNAS:** Build a Compact and Stealthy 10-20-40 Meter Antenna
By James Heller, KCØDGR

departments

- 93 **VHF PLUS:** Vertical vs. Horizontal Polarization — A Perspective and Some Encouragement
By Trent Fleming, N4DTF
- 96 **AWARDS:** The JARL D-STAR Award
By Steve Molo, KI4KWR
- 98 **DX:** The Bands are Exploding!
By Bob Schenck, N2OO
- 103 **CONTESTING:** The Ukraine War's Impact on Contesting
By Tim Shoppa, N3QE
- 108 **PROPAGATION:** The Annual ARRL Field Day
By Tomas Hood, NW7US



miscellaneous

2	ANNOUNCEMENTS	60	WHAT'S NEW
3	HAM RADIO NEWS	76	BEHIND THE BYLINES
6	ZERO BIAS	100	LOOKING AHEAD
7	NEWS BYTES	112	HAM SHOP
58	SPURIOUS SIGNALS		

