Second Century
Fall Into Contesting!

The CW Game
Robert Anding, AA5OY

An Optimized Inverted L for 160 & 80 Meters
George Cooley, NG7A

Product Review
Mark Wilson, K1RO
QRP Labs QCX-mini CW Transceiver Kit; SOTABEAMS External DSP Audio Filter; RigExpert Stick Pro 0.1 – 600 MHz Antenna and Cable Analyzer; Digirig Mobile Digital Mode Interface

The First Activation of Antsell Rock
David Wise, KM3A

The Beverage Antenna, 100 Years Later
Ward Silver, NØAX, and Frank Donovan, W3LPL

ARRL Board Returns to In-Person Meeting for Second 2021 Session

Special Insert! Contest Season 2021 – 2022

Frequency Measuring Test — November 2021
Ward Silver, NØAX

The 2021 ARRL 160-Meter Contest

The 2021 ARRL 10-Meter Contest

The December 2021 ARRL Rookie Roundup — CW

A Look Back: January 1972
Digital and Mobile Editions
ARRL members can access the digital edition via a link at www.arrl.org/qst, download our iOS app from the iTunes Store, and download our Android app from the Google Play Store.

Write for QST
www.arrl.org/qst-author-guide
email: qst@arrl.org

QST (ISSN 0033-4812) is published monthly as its official journal by the American Radio Relay League, Inc., 225 Main St., Newington, CT 06111-1400, USA. Periodicals postage paid at Hartford, CT, USA and at additional mailing offices.

POSTMASTER: Send address changes to:
QST, 225 Main St., Newington, CT 06111-1400, USA. Canada Post: Publications Mail Agreement #69-0901437. Canada returns to Libraries and institutions, $49 per year. Single copies $6.95.

Institutions, $49 per year. Single copies

How’s DX?
Hints & Hacks
Member Spotlight
Public Service
Up Front
The World Above 50 MHz
100, 50, and 25 Years Ago

Departments
ARRL Section Managers
Certificate of Code
Proficiency Recipients
Convention and Hamfest Calendar
Feedback
Field Organization Reports
Guide to ARRL Member Benefits
Ham Ads
Index of Advertisers
Officers, Division Directors, and Staff
QST Cover Plaque Award
Silent Keys
Special Event Stations
Strays
Volunteer Monitor Program Report
W1AW Qualifying Runs
W1AW Schedule

Columns
Ask Dave
At the Foundation
Celebrating Our Legacy
Classic Radio
Contest Corral
Correspondence
Eclectic Technology
Happenings
Hints & Hacks
How’s DX?
Member Spotlight
Public Service
Up Front
The World Above 50 MHz
100, 50, and 25 Years Ago

International
To compensate for additional postage for mailing outside the US, the following rates apply:
Canada: Membership in ARRL, including a 1-year subscription to QST, $62, payable in US funds. Life Membership, including a subscription to QST is available at $1,650.* Libraries and institutions, $62 per year.

All Other Countries: Membership in ARRL, including a 1-year subscription to QST, $76, payable in US funds. Life Membership, including a subscription to QST, is available at $1,900.* Libraries and institutions, $76 per year.

Membership without QST is available to the immediate family of a member living at the same address, and to anyone who is legally blind, for $10 per year.

Foreign remittances should be by international postal or express money order or bank draft negotiable in the US and for an equivalent amount in US funds.

Library of Congress Catalog Card No: 21-9421.


*Payment arrangements available. Please write for details.

In order to ensure 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 at circulation@arrl.org or 860-594-0200 immediately. Thank you for your assistance.

Reprints and permissions:
permission@arrl.org
Details of our Online Privacy Policy can be found at www.arrl.org/online-privacy-policy.

Telephone: 860-594-0200 Fax: 860-594-0259

Our Cover
Ham radio’s many sub-hobbies offer endless ways to challenge yourself. In this month’s cover story, “The First Activation of Antsell Rock,” David Wise, KMSA, details his progression from a beginner to becoming the first ham (along with Scott Lindquist, N90I, who’s pictured on the cover) to activate Antsell Rock, in the San Jacinto Wilderness. Find further tools and inspiration for goal-setting in Robert Anding’s, AA5OY, article “The CW Game,” which offers a way to hone your Morse code skills, and don’t miss this issue’s special insert, “Contest Season 2021 – 2022,” which is full of resources and hints to help you have your best radiosport season yet. [David Wise, KMSA, photo]

Copyright © 2021 by the American Radio Relay League, Inc. All rights reserved. Quedan reservados todos los derechos. Printed in the USA. QST®, DXCC®, VUCC®, DX Century Club®, ARES®, Amateur Radio Emergency Service®, Logbook of The World®, LoTW®, and ARRL®, The National Association for Amateur Radio® are registered trademarks of the American Radio Relay League, Inc. ARRL and QST in no way warrant the products described or reviewed herein. QST is available to blind and physically handicapped individuals from the Library of Congress, National Library Service for the Blind and Physically Handicapped. Call 1-800-424-8567 or go to www.loc.gov/nls/.

www.arrl.org QST November 2021