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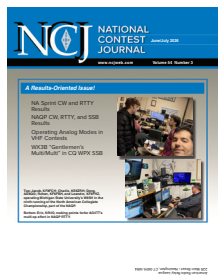
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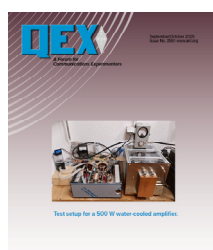


Our Cover

Ham radio clubs all over the country are experimenting with Meshtastic, an open-source platform that uses affordable LoRa devices to set up a decentralized mesh network that offers long-range, off-grid communication. "Long-Range Mesh Networking with Meshtastic" by Chris Bertsch, KE5YIM, provides an introduction to the technology, as well as recommendations for equipment and settings. A sidebar by Jesse Hickey, N4JAH, presents a case study of a Georgia-based ARES® group that used a Meshtastic channel during a severe winter weather event earlier this year. [Conrad Trautmann, N2YCH, photo]



NCJ, National Contest Journal, is ARRL's bimonthly magazine by and for the ham radio contesting community, presenting information and advice from top contesters, operator profiles, and scores for the North American QSO Party and North American Sprint.
www.arrl.org/ncj



QEX, A Forum for Communications Experimenters, is ARRL's bimonthly forum for research, theory, and projects on the cutting edge of RF communications.
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On the Air is ARRL's bimonthly magazine for beginner to intermediate ham radio licensees, presenting jargon-free, easy-to-understand explainers, practical information, and projects.
www.arrl.org/ota

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