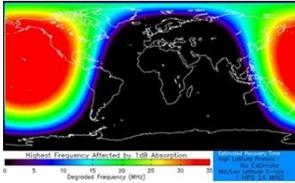
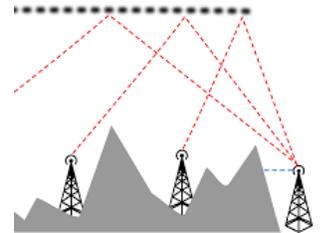


- **TEN-TEC OPEN SOURCE QRP RADIO.** Like to build your own gear. QRP or have a vision for a new radio system? Join Chuck, K8LBH, to take a hands-on look at Ten-Tec's ham-maker movement and their open source transceivers that give you just enough programming capability to reliably and easily get on the air and make your ham radio system concepts come to life. Find it on the program at <http://quartzfest.org/program.html>.



- **HOW SOLAR ENERGY AFFECTS HAM RADIO.** Solar activity can boost or block our HF propagation beyond line-of-sight range. Understanding how the sun affects our radio communications can make the difference between a successful QSO and nothing. Join Joy, K6JOY, for a fascinating discussion about the complex interactions between the Sun and our Earth, how you can stay informed about current solar conditions, and how you can use this information to boost your success.

- **NVIS – RELIABLE REGIONAL COMMUNICATION** is a great solution for regional communications for military, paramilitary, and amateur radio. Join Marty, N6VI, our ARRL Southwestern Division Vice-Director to learn about NVIS and how to select the best frequency and antenna to achieve great propagation and quality communications between groundwave and conventional sky wave distances. Find it at <http://quartzfest.org/program.html>.



- **GEOLOGY OF THE SONORAN DESERT.** Join Earl, N1QI, who will introduce you to one of the world's most spectacular natural playgrounds, QuartzFest's home, the Sonoran Desert. Earl will be sharing many of the desert's wonders, including its unique biology, geology and notable natural features. As you learn about the Sonoran Desert, we hope you'll be inspired to explore it for its beauty for yourself, every year at QuartzFest.

- **GORDON WEST'S INSTRUCTOR ACADEMY AT Q'16.** Gordo will be offering this class for new instructors as well as Elmers interested in learning about many unique methods, demos and materials that you can use for success in you first or next ham radio class. Read more at <http://quartzfest.org/Q16-gordon-west-instructorsacademy.html>.



Have a topic you want to see in the newsletter, let us know. You can unsubscribe to this newsletter anytime by simply replying to this email with the word "UNSUBSCRIBE" in the subject line.

73,

The QuartzFest Planning Committee

Only **35 Days** until

QuartzFest 2016

17-23 January 2016
Quartzsite, AZ



QuartzFest 2016

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