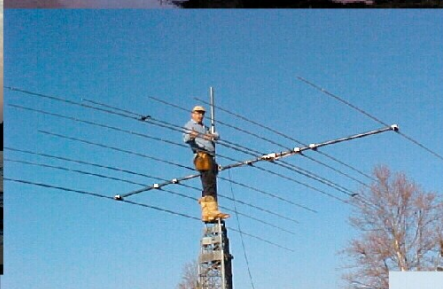


# Array of Light

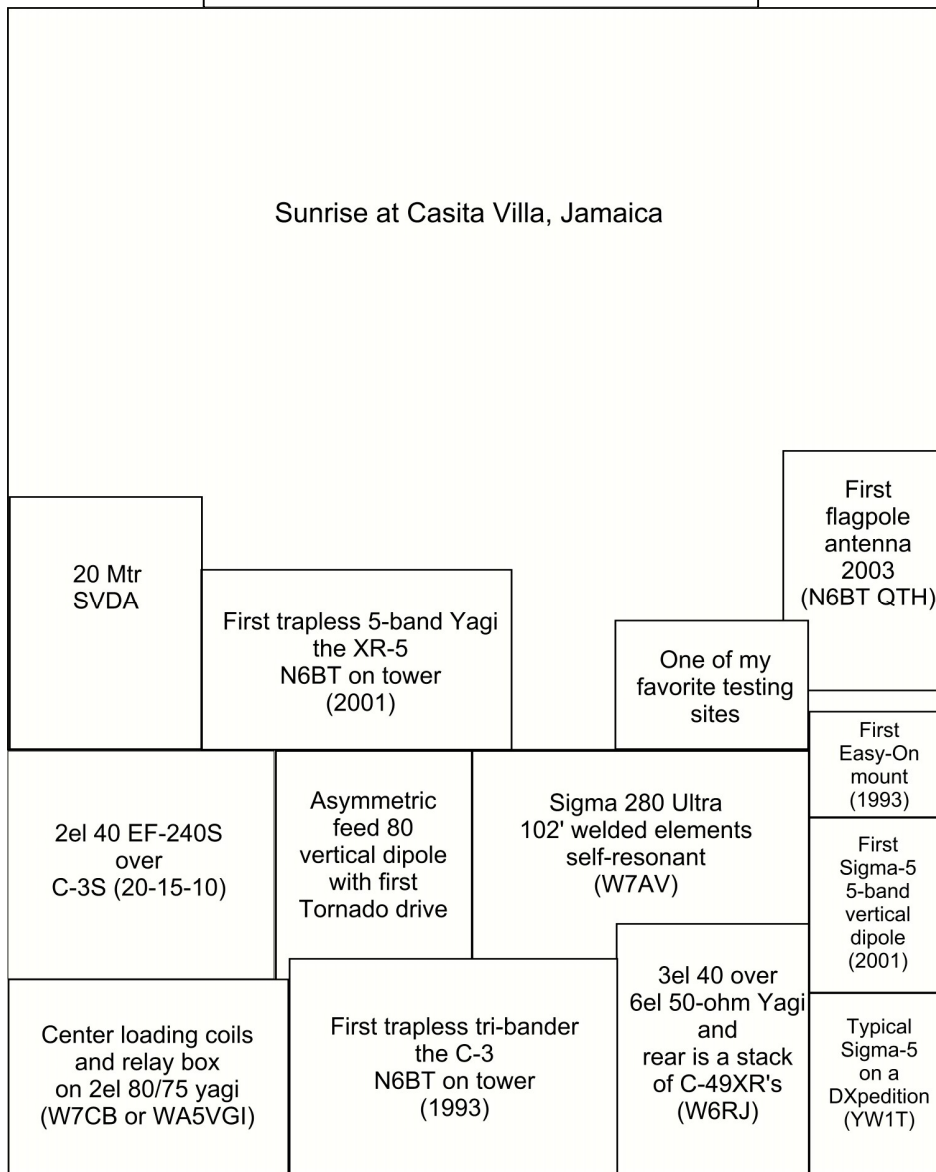
Third Edition

Straight talk about antennas and related subjects

Tom Schiller, N6BT



## COVER PHOTOS



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Tom Schiller, N6BT, has devoted over 2 decades in the development and manufacture of production antennas for amateur, commercial and military, plus being a co-founder of Force 12, Inc. and Team Vertical. He authored the QST article, "Everything Works." His production antennas include about 200 designs for frequencies ranging from AM broadcast through 5.8 GHz. He pioneered revolutionary concepts, such as: multi-band feed systems (sans traps or log cells); non-trapped multi-band Yagis; horizontal antennas that can be close-spaced to harmonically related bands; direct feed 50-ohm Yagis; riveted element construction; vertical dipoles and arrays (SVDA); vertical dipoles with "T-bar" loading; multi-band and relay-switched vertical dipoles; flagpole antennas and more innovations like the first rotatable 160 meter dipole. He has installed several hundred antennas and actively engages in amateur radio competitions, having set more than 20 world records individually and multi-operator, with records mostly on CW, but many on phone, too. Perhaps his most outstanding world record is CQWW CW 160 QRP.

This book is the third in a series that began in the early 1990's. The prior editions were small in comparison. After speaking with thousands of customers, giving more than 100 presentations and recognizing his accumulation of real world knowledge on antennas, it was time to compile a majority of this knowledge while it was still fresh!

It is sincerely hoped this material will motivate others to continue the quest for truth and expand our collective knowledge of the fascinating field of working with invisible radio waves. There is more to learn, especially in regards to propagation. By the way, where are the sunspots for cycle 24 and have you noticed that even without "them", contest records continue to be broken? Yup, more to learn.....and have fun doing it.

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