Feedback

☐ Bill Henry, K9GWT, discovered an error in his article, "Getting Started in Digital Communications—Part 4," *QST*, Jun 1992, p 35. In paragraph 2, column 3, half of the total circumference of the Earth is given as 6,300 miles or 10,000 km. The propagation time for a signal to travel this distance is given as 37 ms.

Half the total circumference of the Earth is actually *12,451* miles or *20,038* km. The time required for a signal to travel this distance is approximately *66.79* ms. Therefore, the total propagation delay between two stations is about 134 ms (assuming a two-way path), *not* 70 ms as stated in the article. While these new figures change the math used in the ARQ timing discussion on pages 35 and 36, the conclusions and recommendations are still valid. AMTOR ARQ can be used for communication over long distances *if* equipment delays are minimized. To communicate over a 12,000 mile path, for example, both transceivers must be capable of switching from transmit to receive very rapidly (approximately 15 ms or less).—*WB8IMY*