COMMUNICATION METHOD, APPARATUS, AND SYSTEM

ABSTRACT

This application belongs to the field of communication technologies, and provides a communication method, apparatus, and system. The communication method includes: sending a first transmission frame, where the first transmission frame includes a ranging sequence field, the ranging sequence field includes at least one ranging segment, each of the at least one ranging segment includes a ranging subsequence and a gap, a length of the gap includes a random duration and a basic duration, and the random duration is generated in a symmetric encryption manner, where the ranging sequence field is used to perform CIR estimation. This application can implement high-precision positioning, and provide security protection for ranging information. This application is used for data communication and positioning.

FIG. 13