

RESOURCE CONFIGURATION METHOD AND COMMUNICATION APPARATUS

ABSTRACT

5 Embodiments of this application provide a resource configuration method and a
communication apparatus. According to the method provided in this application, a network device
receives first reference SRS resource information from a location management device, and
configures a second SRS resource for a to-be-positioned terminal device based on the first
reference SRS resource information, to help the network device configure, for the to-be-positioned
terminal device, the second SRS resource that has at least one overlapping time domain unit with
10 a first SRS resource, where the first SRS resource is related to the first reference SRS resource
information. Further, when the to-be-positioned terminal device is positioned by measuring an
SRS signal sent by a reference terminal device on the first SRS resource and an SRS signal sent
by the to-be-positioned terminal device, a phase shift existing in phases measured by the network
device on the first SRS resource in time domain and a phase shift existing in phases measured by
15 the network device on the second SRS resource in time domain are the same or similar. This helps
eliminate or reduce an error introduced by the phase shift, and improve positioning accuracy.

FIG. 9