

ABSTRACT

TITLE OF INVENTION: VEHICLE TRAVEL CONTROL DEVICE, METHOD FOR
ACQUIRING VEHICLE POSITION INFORMATION, COMPUTER-READABLE
5 RECORDING MEDIUM, AND PROGRAM FOR ACQUIRING VEHICLE POSITION
INFORMATION

To provide a vehicle travel control device capable of accurately measuring a current
position of a traveling vehicle.

10 A vehicle travel control device 1 is connected to a remote control device 70
configured to operate traveling of a vehicle through communication via a network, and the
vehicle travel control device 1 includes: an absolute position calculation unit 102a configured
to acquire GNSS information required for standalone positioning through a GNSS receiver 211
mounted on a vehicle C and calculate an absolute position of the vehicle by the standalone
15 positioning; a reception determination unit 102d configured to determine whether GNSS
correction information required for relative positioning can be received from an external
reference station; a relative position calculation unit 102b configured to calculate a relative
position of the vehicle by the relative positioning; and a communication unit 701 configured to
transmit current position information of the vehicle to the remote control device. The
20 communication unit is configured to transmit position information based on the relative position
in a case in which the GNSS correction information can be received, and transmit position
information based on the absolute position in a case in which the GNSS correction information
cannot be received.

25 Figure 5