

ABSTRACT

An automatic crane operation system that improves work efficiency and avoids occurrence of human errors is provided. An automatic crane operation system 100 includes a control device 20 configured to control a drive device of a crane 1, and a terminal 30 communicatively connected to the control device 20. The terminal 30 includes a suspended load position setter 32 and a suspended load information setter 33. The suspended load position setter 32 sets suspended load position information including position information related to at least one of a start position and an end position. The suspended load information setter 33 sets suspended load information related to a suspended load. The terminal 30 is configured to send the set suspended load position information and the set suspended load information to the control device 20. The control device 20 includes a route generator 21 and a crane controller 22. The route generator 21 generates a route from the start position to the end position based on the suspended load position information and the suspended load information received from the terminal 30. The crane controller 22 executes automatic control of the drive device of the crane 1 so that the suspended load support of the crane 1 is moved in accordance with the generated route.

FIG.2