[CLAIMS]

[Claim 1]

A map error detection system, comprising:

a map error position candidate calculation unit configured to calculate a map error candidate position which is a candidate for route information not included in map information on the basis of an aggregation of positional information not corresponding to route information included in the map information among time-series positional information of a moving object.

[Claim 2]

The map error detection system according to Claim 1,

wherein the map error position candidate calculation unit calculates the map error candidate position in accordance with a density of distribution of the positional information not corresponding to the route information included in the map information.

[Claim 3]

The map error detection system according to Claim 1, further comprising:

a one-way traffic error determination unit configured to determine whether route information of one-way traffic is included in information on a route existing in the vicinity of the map error candidate position included in the map information.

[Claim 4]

The map error detection system according to Claim 1, further comprising:

a one-way traffic automatic determination unit configured to specify neighboring route information with an erroneous traffic direction of one-way traffic among one or a plurality of pieces of information on neighboring routes existing in the vicinity of the map error candidate position included in the map information on the basis of the one or a plurality of pieces of information on neighboring routes and the

time-series positional information of the moving object.

[Claim 5]

The map error detection system according to Claim 4,

wherein the one-way traffic automatic determination unit reverses the traffic direction of the neighboring route information and, when the reversed traffic direction coincides with a moving direction of a moving object indicated by the times series positional information and a distance between the information on a neighboring route existing closest to a moving route based on the time-series positional information of the moving object and the moving route is within a predetermined threshold value, specifies the information on the neighboring route as the neighboring route information with an erroneous traffic direction of one-way traffic.

[Claim 6]

The map error detection system according to Claim 4,

wherein the one-way traffic automatic determination unit corrects a traffic direction of neighboring route information whose traffic direction is determined to be erroneous.

[Claim 7]

A map error detection system, comprising:

a moving route calculation unit configured to calculate a moving route of a moving object by acquiring time-series positional information of the moving object;

a route information specification unit configured to compare the calculated moving route with map information and to specify route information corresponding to the calculated moving route among route information included in the map information; and

a map error position candidate calculation unit configured to calculate a position

which is a candidate for route information not included in the map information on the basis of an aggregation of the time-series positional information of the moving object in which route information is unable to be specified when the route information is unable to be specified.

[Claim 8]

A map error detection method, comprising:

calculating a map error candidate position which is a candidate for route information not included in map information on the basis of an aggregation of positional information not corresponding to route information included in the map information among time-series positional information of a moving object.

[Claim 9]

A program which causes a computer of a map error detection system to function as means for calculating a map error candidate position which is a candidate for route information not included in map information on the basis of an aggregation of positional information not corresponding to route information included in the map information among time-series positional information of a moving object.

[Claim 10]

The map error detection system according to Claim 2, further comprising:

a one-way traffic error determination unit configured to determine whether route information of one-way traffic is included in information on a route existing in the vicinity of the map error candidate position included in the map information.