

TILE SERVER

5

Abstract

10 A method is disclosed herein which comprises receiving a user request for map information at a server. The method also comprises requesting one or more base map tiles from a remote server based on the user request, the request including zoom level information and tile position information. At the server, the request is normalised based on the zoom information and the tile position information. The method then comprises defining a map view area based on the normalised request, obtaining vessel data relating to a plurality of vessels, determining for each of the plurality of vessels if the
15 vessel lies within the map view area, and creating a new map tile comprising the vessel data for the vessels determined to lie within the map view area. The method then comprises causing display of the user requested base map tiles and overlaying the new map tile at a user device.

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Figure 3