

ABSTRACT SUBMISSION

**Topic No : 3**

**proposed topic : Usability on mobile App to support safe navigation of small boat**

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ABSTRACT / RESUME:

The Ministry of Oceans and Fisheries has distributed the “OceanRoad App” since 2014, This App is a free mobile application for navigation which is readily accessible anywhere and anytime, to support safe marine activity. Small fishing boat and leisure boats such that could not afford expensive navigation equipment such as GPS antenna and receiver can navigate safely using the “OceanRoad” app.

It provides weekly updated electronic nautical chart for the latest marine geographic information, also if you serch a specific location or coordinates of latitude and longitude, easily find the destiniation. It can also store your favorite fishing points, locate the fishing nets, or even trace them.

In addition, it provides real-time weather information including water temperature, wind velocity and tidal wave information which is measured at buoy related to the Aton agency and Weather agency.

This App has been designed to be used in ocean as well as in land, providing various functions for marine activires such as ocean weather information, saving routes and point of interest, and it is available for free download from the Android and Apple App-Store.