**Abstract Submission**

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**ABSTRACT:**

With the current domestic and international unmanned aerial vehicle(UAV) market and technology has matured, the civilian UAV has been increasingly applied to disaster prevention and mitigation, search and rescue, traffic monitoring, resource exploration, forest fire prevention, meteorological and other fields, as a supplement to the traditional way of working, the UAV technology application in reducing the labor cost saving, improve work efficiency, hazard risk reflects a huge advantage. This paper analyzes the civil application space in marine man-machine aids to navigation field and the direction of development, and from the model analysis, cost comparison elaborated in the implementation of UAV in maritime navigation aid operation ability and the expected economic benefits generated by the implementation of recommendations for the next promotion.