

ABSTRACT

Bramanta Hamdi Rustoni, 2018, NIT: 51145175 N, “Sailing Analysis when Facing The Condition of Restricted Visibility in USA-Korea Route on MV Pan Bonita”. Diploma IV mini thesis, Nautical Department, Semarang Merchant Marine Polythectic
Materials Supervisor (I): Capt. Samsul Huda, M.M, M.Mar .
Methodology and Writing tutors (II): H. Suharso, S.H, S.Pd, S.E, M.M

One of the natural conditions that affect in navigation is restricted visibility. Restricted Visibility in shipping activities has a huge impact, especially the problem of a navigator in avoiding the danger of navigation, because it is, conducted research that aims to make the steps carried out navigator can be done well and properly so that the voyage can run safely and avoid the risk collision.

Given the magnitude of the effect of restricted visibility on shipping safety, the authors use descriptive and qualitative method with writing several data analysis. 1.) The method of data collection is by observation, structured interview, documentary study, and library research to know the impact of restricted visibility. 2.) Fish Bone analysis where the use of this method is aimed to determine the causes and factors that need to be considered in the face of restricted visibility. 3.) USG Method (urgency seriousness growth) method is intended to determine the most appropriate step in dealing with the impact of the condition of restricted visibility.

The result of this research shows that the impact of restricted visibility is the risk of collision caused by the hazard of navigation hence in avoiding the impact, the writer get some factor from fish bone analysis method which then is revisited through USG (Urgency Seiorsness Growth) method so that in obtaining the most appropriate way in facing the condition of restricted visibility that is with the understanding of COLREG especially rules 5, 19, and 35 associated with Restricted Visibility so as to create safe shipping as well as and avoid the risk of collision.

Thus, by understanding the rules of COLREG, especially the rules of 5.19 and 35, it is expected that the Officer of the watch can apply the COLREG rules to be directly supervised by the master especially when passing waters within the USA-Korea route on a particular month so that the duty officer can prepare, supervise, and ability to take action against the danger of entering the waters with restricted visibility.

Key words: Restricted Visibility, Sailing Analysis, Navigation,