

## ABSTRACT

**Benrosby Vinsensius Wilfrid Sihite**, 49124472.N, 2017, “*Execution The Safe Watchkeeping Through Singapore Strait In Condition Of Restricted Visibility For Prevent The Risk Of Collision At MT. Raina*”, Diploma IV, Nautical, Semarang Merchant Marine Polytechnic, Preceptors: (I) Capt. I Kadek Laju, S.H., M.M (II) Agus Hendro Waskito, M.M., M.Mar. E

The main purpose of a voyage is to certify the safety of the vessel and passengers until to the arrival place that has been decided. For carry out the voyage is not easy because there is the factor that possible to trigger such of risk of collision is the traffic condition in traffic separation schemes and the condition of restricted visibility which possible to disturb when to carry out lookout. The accident at sea about 80% caused by human error, but the factor condition of restricted visibility and there are a lot of vessels in traffic separation schemes also give effect for ship's operational, so it needs to get an attention particularly.

The researcher use problem analysis technique USG (Urgency, Seriousness, Growth) to determine the problem which becomes the most priority when execution watchkeeping through Singapore Strait, so it to be found the problem solution. The researcher use the method of interview, observation, documentation and literature research as the data collection technique.

The factor condition of restricted visibility and the condition of traffic at traffic separation schemes give effect against to the watchkeeping activity at vessel. The skill and ability of an Officer to identify such of factor is very important, so Officer understand about what they have to take and do when navigating through Singapore Strait. There is the suggestion from the researcher in order that the Officer improve more the skill and ability for carry out bridge duty when through Singapore Strait.

**Keywords:** Singapore Strait, risk of collision, traffic separation schemes, watchkeeping duty