

ABSTRACT

Mayka Inndriyani, 2018, NIT : 51145514. K : " *Analysis of Verified Gross Mass (VGM) implementation on Ship Crash Rate at PT. Samudera Indonesia Ship Management from January 2015 to December 2017*", Mini thesis of Port and Shipping Department, Diploma IV Program, Semarang Merchant Marine Polytechnic, Supervisor I: Daryanto, S.H., M.M. Supervisor II: H. Suwondo, M.M., M.Mar.E.

Marine transport accidents can be caused by various factors namely natural factors and human error factors (human error). IMO shows that 80% of marine accidents are caused by human error and 20% natural and weather factors. In 2015 the accident rate of container vessel at PT. Samudera Indonesia Ship Management is high, there are six ships experiencing grounding due to the weight of container loading exceeds the maximum capacity. In relation to the high number of ship accidents worldwide, IMO / MSC approves the amendments to the Verification Gross Mass (VGM) verification requirements. The implementation of VGM was implemented in Indonesia so that the government issued the Regulation of Director General of Sea Transportation Number HK.103 / 2/5 / DJPL-16. Implementation of VGM at PT. Samudera Indonesia Ship Management applied since July 1, 2016.

The method of this mini thesis is descriptive qualitative. The obtained data has been done by observation, interview, and documentation. Based on the results of research can be known how the level of ship accident at PT. Samudera Indonesia after VGM applies. And knowing the truth of the purpose of the SOLAS amendment regarding the implementation of VGM dated July 1, 2016. The chosen location is Document and Insurance Management division and Ship Owner Container Division of PT. Samudera Indonesia, and length of the research was 10 months since August 1st 2016 until June 2nd 2017.

Based on the result of research, it can be concluded that by executing VGM verification can be reduce rate of crash ship at PT. Samudera Indonesia Ship Management wick persentase ship crash 26% at 2015, 11.11% at 2016, 10.34% at 2017, dan 0% on January until May 2018. VGM Socialization is important for improve employee understanding. At the end of research autor presents conclusions and suggestions.

Keywords: *Ship crash, VGM, and Implementation.*