

ABSTRAKSI

Ainur Rofick, 2018, NIT 50134772.N, “Pengaruh putusnya *mooring wire* terhadap proses kegiatan bongkar muat di kapal MT. SC. Warrior L”. Skripsi, Program Diploma IV, Jurusan Nautika, Politeknik Ilmu Pelayaran Semarang. Pembimbing I : Capt. Arika Palapa, M.Si., M.Mar, Pembimbing II : Adi Oktavianto, S.T., M.M.

Mooring wire atau tali baja adalah tali tambat yang terdiri dari beberapa helai kawat logam yang di pelintir menjadi *heliks*. *Mooring wire* digunakan untuk menahan kapal pada saat sandar. Latar belakang terhadap permasalahan yang terjadi yaitu mencari faktor-faktor dan upaya-upaya pada saat terjadi putusnya *mooring wire* pada saat proses kegiatan bongkar muat agar proses bongkar muat dapat berjalan dengan lancar dan aman.

Metode penelitian yang digunakan oleh penulis dengan menggunakan analisa SWOT untuk memaparkan dan mencari solusi serta penyelesaian dari objek yang diteliti. Berdasarkan hasil penelitian yang dilakukan oleh penulis selama praktek di kapal MT. SC. Warrior L sesuai kondisi yang dialami pada saat terjadi putusnya *mooring wire* pada saat proses kegiatan bongkar muat disebabkan oleh buruknya kondisi *mooring wire* karena sudah, kondisi perairan yang terjadi arus pasang pada saat itu, kurangnya koordinasi antara perwira jaga dan personil jaga di *deck*, dan kurang dilaksanakannya *safety patrol* pada saat proses bongkar muat di lakukan.

Dari hasil penelitian dapat disimpulkan bahwa putusnya *mooring wire* terjadi akibat kurangnya koordinasi antara perwira jaga dan personil jaga di *deck*, kurang dilaksanakannya *safety patrol* sesuai instruksi perwira jaga, kondisi cuaca yaang pada saat itu terjadi arus pasang, ketidak pedulian personil jaga di *deck* terhadap lingkungan kerja serta pengetahuan dan pemahaman personil jaga yang masih kurang terhadap *mooring wire*. Saran penulis, dengan melaksanakan perawatan dan penggantian *mooring wire* secara berkala, meningkatkan koordinasi dan komunikasi antara semua personil jaga, serta menigkatkan pengetahuan dan pemahaman awak kapal dengan melakukan penyuluhan atau *safety meeting*.

Kata Kunci : Bongkar muat, *Mooring wire*, Putus

ABSTRACT

Ainur Rofick, 2018, NIT 50134772.N, "Effect of mooring wire breaking on loading and unloading process in MT vessel. SC. Warrior L ". Thesis, Diploma IV Program, Nautical Department, Merchant Marine Polytechnic Of Semarang. Supervisor I: Capt. Arika Palapa, M.Si., M.Mar, Supervisor II: Adi Oktavianto, S.T., M.M.

Mooring wire or steel rope is a mooring rope consisting of several pieces of metal wire that twisted into a helix. Mooring wire is used to hold the ship when it is moored. Background to the problems that occur is looking for factors and efforts during the breaking of mooring wire during the process of loading and unloading activities for the process of loading and unloading can run smoothly and safely.

The research method used by the author by using SWOT analysis to describe and find solutions and completion of the object under study. Based on the results of research conducted by the author during the practice on board the MT. SC. Warrior L according to the condition experienced during the breaking of mooring wire during the process of loading and unloading activity caused by bad condition of mooring wire because already, condition of waters that happened tidal current at that time, lack of coordination between officer of duty and guard personnel on the deck, and less the implementation of safety patrol during loading and unloading process in doing.

From the result of the research, it can be concluded that the breaking of mooring wire happened due to lack of coordination between officers and guard personnel in the deck, the lack of safety patrol implementation according to the officer guard instruction, the weather condition at that time the tidal flows, the ignorance of personnel in the deck to work environment as well as knowledge and understanding of personnel guard which is still less to mooring wire. The author's suggestion, by performing the maintenance and replacement of the mooring wire periodically, improves coordination and communication between all personnel of the guard, and improves the knowledge and understanding of the crew by doing counseling or safety meeting.

Keywords : loading and unloading, Mooring wire, Breaking