

OPTIMALISASI PENGGUNAAN OIL BOOM SEBAGAI SARANA PENCEGAHAN PENCEMARAN PADA SAAT KEGIATAN BONGKAR MUAT KAPAL TANKER OLEH PT. URBAN SHIPPING AGENCY

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Abstrak

Tujuan dari penelitian ini adalah untuk mengetahui kendala penggunaan *oil boom*, dampak yang di timbulkan dari kurangnya optimalnya *oil boom*, serta upaya pengoptimalan penggunaan *oil boom* sebagai sarana pencegahan pencemaran pada saat kegiatan bongkar muat kapal tanker oleh PT.Urban Shipping Agency. Jenis penelitian ini merupakan penelitian kualitatif bersifat deskriptif dengan metode pengumpulan data meliputi observasi wawancara dan studi dokumentasi. Hasil penelitian ini yaitu : 1) Penggunaan *oil boom* masih menghadapi beberapa kendala meliputi kurangnya pengawasan terhadap kondisi fisik *oil boom*, pemasangan yang tidak sempurna (tidak mengelilingi seluruh area kapal), serta potensi terganggunya fungsi *oil boom* akibat arus laut atau tersangkut pada bagian kapal seperti *propeller* atau daun kemudi. 2) Ketidakefisienan berdampak langsung pada pencemaran lingkungan laut akibat tumpahan minyak yang dapat merugikan ekosistem laut, potensi pelanggaran peraturan lingkungan hidup serta mengancam citra perusahaan di pandangan otoritas pelabuhan dan masyarakat. 3) Upaya mengatasi ketidak optimalan penggunaan *oil boom* yaitu melakukan inspeksi rutin terhaap kondisi *oil boom*, memberikan pelatihan kepada petugas terkait teknis pemasangan sesuai standar, memastikan penyimpanan dan perawatan *oil boom*, menyusun SOP serta evaluasi berkala terhadap efektifitas alat dan prosedur yang digunakan.

Kata Kunci : *Oil Boom*, Pencemaran Laut , Kapal Tanker

OPTIMIZATION OF OIL BOOM USAGE AS A POLLUTION PREVENTIEN DURING AT LOADING AN UNLOADING ACTIVITTIES OF TANKER BY PT. URBAN SHIPPING AGENCY

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Abstract

The purpose of this study is to determine the obstacles to the use of oil booms, the impacts caused by the lack of optimal oil booms, and efforts to optimize the use of oil booms as a means of preventing pollution during the loading and unloading of tankers by PT. Urban Shipping Agency. This type of research is a descriptive qualitative study with data collection methods including observation interviews and documentation studies. The results of this study are: 1) The use of oil booms still faces several obstacles including lack of supervision of the physical condition of the oil boom, imperfect installation (not surrounding the entire area of the ship), and the potential for disruption to the function of the oil boom due to ocean currents or getting caught on parts of the ship such as the propeller or rudder. 2) Inefficiency has a direct impact on marine environmental pollution due to oil spills that can harm marine ecosystems, potential violations of environmental regulations and threaten the company's image in the eyes of port authorities and the public. 3) Efforts to overcome the suboptimal use of oil booms include conducting routine inspections of the condition of the oil boom, providing training to officers related to technical installation according to standards, ensuring storage and maintenance of the oil boom, preparing SOPs and periodic evaluations of the effectiveness of the tools and procedures used.

Keywords: Oil Boom, Marine Pollution, Tanker Ships