

## Perancangan sistem assessment keselamatan kebakaran kapal ferry roll on roll of / Khaerunisa S.

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### Abstrak

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"Kebakaran dapat terjadi di kapal Ferry Ro-ro dengan daerah penyebab kebakaran yang variatif yaitu 63% kebakaran terjadi di kamar mesin dan 10% terjadi di dek kendaraan. Namun, suatu sistem keselamatan kebakaran kapal Ferry Ro-ro di Indonesia belum dapat mengurangi angka kebakaran kapal. Oleh sebab itu, diperlukan adanya perancangan sistem assessment keselamatan kebakaran kapal Ferry Roll On Roll Off. Perancangan sistem ini menggunakan peraturan SOLAS. Sistem assessment akan digunakan sebagai media penilaian sarana proteksi kebakaran di kamar mesin dan car deck. Hasil dari perancangan ini adalah sistem assessment keselamatan kebakaran yang terdiri dari form engine room fire control assessment, form car deck fire control assessment, prosedur proteksi kebakaran dan manajemen rencana evakuasi korban kebakaran.

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**ABSTRACT**

"Fires can occur in Roll On Roll Off Passenger Ferries with varied areas cause of the fire is 63% fire broke out in the engine room and 10% occurred in the car deck. However, a fire safety system on the Roll On Roll Off Passenger Ferries has not been able to reduce the number of ship fires. Therefore, it is necessary to design some fire safety assessment system for Roll On Roll Off Passenger Ferries. This system using Safety Of Life At Sea regulation. Assessment system will be used as tool of fire protection to assess engine room and car deck. The result of this design is a fire safety assessment system which consists of a form of engine room fire control assessment, the form of car decks assessment of fire control, fire"

"protection and management procedures evacuation plan fire victims."