天 津 航 海

2018 年第 4 期目次

國立高雄科技大學 108. 4. 10 圖書館期刊

·航海与船舶驾驶·

大型重载散货船靠泊天津港淌航时机……迟乃旗（1）

引航作业中船舶失控状态分析及应对……翟磊（4）

智利峡湾内水航路及麦哲伦海峡航行经验介绍……杨冬立（6）

深水三用工作船大型拖缆机容绳量的计算方法……张亚东（12）

由雾航碰撞事故探讨船舶安全对策……陈宏（16）

天津港大沽口港区夜航问题分析及对策……刘凤武（18）

船长如何做好船舶安全管控……刘云飞（22）

自愿报告系统在我国海上交通安全方面的应用……刘洁新　杨本磊　李龙刚（25）

. 轮机管理.

简述 MAN ME/ME-C 船用电喷柴油机工作原理……刘丙海（28）

瓦锡兰与曼恩两种船用电控柴油机技术对比……王剑凡（32）

MAN B&W 型主机喷油器的安装隐患……张雷震（35）

3SEP OWS 型油水分离器的管理……关朝阳（37）

船用电喷柴油机滑油系统的特点与管理……管小二（41）

·海商·海事. 水运管理

国际海上救生设备配备标准的修订历程……李威（45）

天津海事测绘中心设备管理的特点及方法研究……周菲　王荣林（47）

航运公司规范工会内部管理的路径与方法……田立松（49）

动机刺激和情绪调节对引航员工作的影响……是东群（52）

. 海洋气象.

天津市滨海新区海洋渔业气象服务研究……王彩霞　高强　黄纯玺　卜清军（57）

. 船舶消防.

A 轮火灾事故引发的思考……孙海涛　刘长军（59）

船舶消防员无线电通信设备配置的探讨……张剑敏（62）

·航海与教学·

基于 T12A 学习铁碳合金（$Fe\text{-}Fe_3C$）相图……孙忠敏（64）

BRM 实训课教学内容探讨……温清洪（67）

·航标管理·

NB-IOT（窄带物联网）技术在航标灯器上的应用……谢海东　季克淮（70）

天津航标处值班室装备现代化建设介绍……田冠军　李建永（73）

对优化航标业务综合信息管理平台系统的思考……张莎莎　李克奇（75）

北方中、小通海河口港航道浮标的实际应用……毛建峰　孔涛（77）

经贸快讯……（80）

·总目次·

2018 年总目次……（81）

Contents

Navigational Technology

The opportunity for large heavy loaded bulk carriers to carry way with engine stopped and berth at Tianjin Harbour ····· Chi Naiqi(1)

The analysis of and measures against the state not under command for the ship in piloting operation··· Zhai Lei(4)

The introduction of navigational experience in the inland waterway of Chilean Fjords and Strait of Magellan ····· Yang Dongli(6)

The calculation method for the rope capacity with large towing winch for deep water multi-purpose working ship ····· Zhang Yadong(12)

The investigation into the safety measures for ships collision accidents in fog ····· Chen Hong(16)

The night navigation analysis and measures in Dagukou District, Tianjin Harbour····· Liu Fengwu(18)

How a master implements a ship's safety management and control····· Liu Yunfei(22)

The application of CRS in China maritime transport safety ····· Liu Jiexin et al(25)

Marine Engineering Management

A profile to the working principle of MAN ME/ME-C EFI marine diesel engine ····· Liu Binghai(28)

The comparison between Wartsila and MAN ……the two marine EFI diesel engines ····· Wang Jianfan(32)

The fitting hidden peril in the fuel oil injector with MAN B&W main engine ····· Zhang Leizhen(35)

The management over 3SEP OWS oily water separator····· Guan Chaoyang(37)

The characteristics of and management over the marine EFI diesel engine lube oil system····· Guan Xiao'er(41)

Maritime Transport Management

The revising progress of the International Provision Criteria for Maritime Life Saving Appliances ····· Li Wei(45)

The management features and methods for the equipment with Tianjin Maritime Surveying & Mapping Center····· Zhou Fei Wang Ronglin(47)

The routes and methods for normalizing the trade union's internal management in shipping companies ····· Tian Lisong(49)

The effect of motivational stimulus and emotion regulation on pilot's work····· Shi Dongqun(52)

The framework research on FPSO fire and explosion assessment ····· Zhou Ran Ling Aijun Yang Qingxia(57)

Marine Meteorology

The research on marine fishing meteorological service for Binhai New Area, Tianjin City··· Wang Caixia et al(61)

Marine Firefighting

The thinking arising from a fire accident on board MV A ····· Sun Haitao Liu Changjun(63)

On the radio communication equipment provision for ship's firefighters ····· Zhang Jianmin(66)

Navigation & Teaching

Learning Fe-Fe3C phase diagram based on T12A ····· Sun Zhongmin(68)

The discussion on what is to be taught in BRM practical training course ····· Wen Qinghong(71)

Aids to Navigation Management

The application of NB-IOT technology in navigation beacons····· Xie Haidong Ji Kehuai(74)

The equipment modernization construction for the duty room underTianjin Department of Aids to Navigation Management ····· Tian Guanjun Li Jianyong(77)

The thinking on optimizing the aids to navigation business integrate info management platform ····· Zhang Shasha Li Keqi(79)

The practical application of fairway buoys in the medium and small seaward estuary ports ····· Mao Jianfeng Kong Tao(81)