

中国航海

中文核心期刊

第33卷第2期

总第83期 2010年6月

2

2010

目 次

导航与通信

- 信息共享与服务系统的研究开发 张杏谷, 魏武财, 彭国均, 等 (1)
OFDM 同步算法在水声通信系统中的分析与仿真 毛奇凤, 盛冬冬 (4)
海上遇险时地面系统中各方通信的协调性 李建民, 李红喜 (8)

机 电

- 船用新型电液式激振器动态特性仿真研究 蒋更红, 白继平, 阮 健 (13)
VxWorks 操作系统在 S3C2440 上的移植 王 军, 周 进, 许 涛 (19)
船舶压载水监控系统设计 乔红宇, 杨泽宇 (23)
航海模拟器中船舶平旋推进器的数学模型 张秀凤, 金一丞, 尹 勇 (27)
压载泵状态监测与故障诊断系统设计 马 强, 贾宝柱 (31)

航行安全

- 港口公共航道船舶通过能力的计算模型研究 文元桥, 刘敬贤 (35)
长江船舶交通流实时采集关键技术研究 严新平, 马 枫, 初秀民, 等 (40)
船舶定线制事故相对多发航段的判别 李 松, 肖英杰 (46)
渤海超大型油轮安全保障研究 曲 径, 韩晓宝, 陈 伟 (51)
海事监管中的担保问题探讨 王晓萍, 张钧浩 (56)
数据挖掘在海上交通特征分析中的应用研究 潘家财, 邵哲平, 姜青山 (60)
黄浦江水上客运安全评价 乘史良, 孙 亮 (63)
对智能运输系统评价方法的研究与分析 张晓莺, 缪克银 (70)

航海气象与环保

- 溢油事故船舶先期处置决策偏好研究 张 欣 (74)
海上溢油应急时间满意度的应急选址模型研究 陆 梦, 吴 罂 (77)
国际船舶防污染公约在低碳经济时代下的发展 陈善能, 陈宝忠, 王兆强 (80)

水运经济

- 滚装船配载优化算法及其软件化实现 施志宏, 金燕燕 (84)
铁路渡轮装卸过程模拟方法初探 阙 颖, 谢新连, 赵家保 (89)
中国出口集装箱运价指数与实际运价相关分析 张 页, 王 颖 (95)
航运指数对航运金融双中心建设的启示研究 陈飞儿, 赵一飞 (100)

操船论坛

- 大型邮轮海港引航作业的安全分析与实施 陈正华 (106)

学会动态

- (7, 18, 45, 55)

[期刊基本参数]CN 31—1388/U* 1965* q* A4* 110* zh* P* ¥20.00* 1500* 24* 2010—06*n

THE JOURNAL
of
NAVIGATION OF CHINA
(Jun. Sum. No. 83)
Vol. 33 No. 2

2
2010

Contents

Communication & Navigation

- Research and Development of AIS Information Sharing and Serving System ZHANG Xing-gu, WEI Wu-cai, PENG Guo-jun, et al (1)
Analysis and simulation on OFDM synchronization algorithm in underwater acoustic communication system MAO Qi-huang, SHENG Dong-dong (4)
Terrestrial Communication Coordination of Concerned Parties at Maritime Distress LI Jian-min, LI Hong-xi (8)

Machinery Electricity

- Simulation Research on Dynamic Characteristics of Novel Marine Electro-hydraulic Vibration Exciter JIANG Geng-hong, BAI Ji-ping, RUAN Jian (13)
Porting VxWorks to S3C2440 WANG Jun, ZHOU Jin, XU Tao (19)
Design of Marine Ballast Monitor and Control System QIAO Hong-yu, YANG Ze-yu (23)
Mathematical Model of Voith Schneider Propeller in Ship Handling Simulator ZHANG Xiu-feng, JIN Yi-cheng, YI Yong (27)
Design of a Ballast Pump Monitoring and Fault Diagnosis System MA Qiang, JIA Bao-zhu (31)

Navigation Safety

- Computing Model of Traffic Capacity of Harbor Public Channel WEN Yuan-qiao, LIU Jing-xian (35)
Key Technology of Collecting Traffic Flow on the Yangtze River in Real-Time YAN Xin-ping, MA Feng, CHU Xiu-min, et al (40)
Identification of Accident-prone Route Segment in Ship Routing schemes LI Song, XIAO Ying-jie (46)
Research on Safeguard of VLCC in Bohai Sea QU Jin, HAN Xiao-bao, CHEN Wei (51)
Exploration of the Security Problem in Maritime Supervision WANG Xiao-ping, ZHANG Jun-hao (56)
Application of Data Mining Technology in Analysis of Marine Traffic Characteristics PAN Jia-cai, SHAO Zhe-ping, JIANG Qing-shan (60)
Safety Evaluation for Waterway Passenger Transport in Huangpu River SANG Shi-liang, SUN Liang (63)
Study and Analysis of Evaluation Methods for ITS ZHANG Xiao-ying, MIAO Ke-yin (70)

Navigation Meteorology & Environmental Protection

- A Study of Pre-Treatment Decision Preferences of Oil-Spill Accident Ship ZHANG Xin (74)
Emergency Facility Deployment Model Based on Degree of Satisfaction in Response Time to Marine Oil Spill LU Meng, WU Gang (77)
Latest Development of IMO Pollution Convention towards Low Carbon Economy CHEN Shan-neng, CHEN Bao-zhong, WANG Zhao-qian (80)

Waterborne Economics

- A Two-Phase Heuristic Algorithm for Ro-Ro Ship Stowage Planning JIN Zhi-hong, JIN Yan-yan (84)
Simulation of Loading and Unloading Process for railway ferry KAN Ying, XIE Xin-lian, ZHAO Jia-bao (89)
Research on Relevance between CCFI and Actual prices ZHANG Ye, WANG Ying (95)
Message from Shipping Index Study Its meaning to Construction of Shanghai Shipping and Finance Center CHEN Fei-er, ZHAO Yi-fei (100)

Ships Manoeuvre Forum

- Analysis of Safety and practical Pilotage Operation in Inland River for Large Cruise Ships CHEN Zheng-hua (106)