

**ANNOTATIONS of scientific articles published in international magazine
«River transport (XXIst century)» № 5 (70)' 2014**

The substantiation of main characteristics of oil-tanker's architecture-constructive type / E. Ronnov, Y. Kochnev // River transport (XXIst century).2014 – № 5 (70). – p. 30-32

Describes ways of increasing effectiveness of tankers' exploitation. Suggests mathematical models of analyzing ships for registration offered constructive decisions.

Key words: architecture-constructive type of oil-tanker, effectiveness, exploitation immersion, mathematical model.

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The estimation of approximation of reductive models of navigable ship on course / A. Preobrazhenskiy, A. Romanov // River transport (XXIst century).2014 – № 5 (70). – p. 32-37

Makes the estimation of approximation linear mathematical models of displacement of navigable ship on given course.

Key words: mathematical model, ship's dynamic, approximation.

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About features of inner control's development as instruments and functions of management accounts in water transport organizations / Kraynova V.V. / River transport (XXIst century).2014 – № 5 (70). – p. 37-45

Defines the place of inner control (IC) in system of water transport companies' management accounts. Gives recommendation for organizing IC of budgets and forms of IC by using management analysis.

Key words: management accounts, inner control, places of cost, centers of responsibility, control of indexes, budget control.

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Application of management plan of ship's energy effectiveness / V. Reznichenko // River transport (XXIst century).2014 – № 5 (70). – p. 45-46

Gives recommendations for sea companies about application of management plan of ship's energy effectiveness.

Key words: ship's energy effectiveness, energy saving, management plan.

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About influence of ceiling repair methods on results of ship's quality estimation / P. Bimberekov // River transport (XXIst century).2014 – № 5 (70). – p. 46-52

Describes using function of desirability for quantitative estimation of object's quality (on the example of a barje) by using different repair methods.

Key words: estimation of quality, methods of repair, functions of desirability.

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Principles of stimulation of companies' capital growth / E. Khrapova, B. Kychanov // River transport (XXIst century).2014 – № 5 (70). – p. 52-55

Analyses methodical bases of business' value management and creates the system of parameters (for structural companies' departments), oriented on capital increasing. Describes the variants of solving agent's problem – providing coincidence of interests of owners and managers – by using reports of 7 shipping companies.

Key words: capital management, added value, profitability on invested capital, cost of capital, agent's relations.

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The method of estimation of structural risks for projecting and exploitable ship's propulsive plant / V. Vychuzhanin, N. Rudniochenko // River transport (XXIst century).2014 – № 5 (70). – p. 55-57

Shows results of the research of the method to estimate complex technical systems (on the example of ship's diesel propulsive plant).

Key words: prejudice, probability, risk, diesel propulsive plant, cognitive model.

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