

ANNOTATIONS
of science works published in international magazine
«River transport (XXIst century)»

The principles of development of water transport institutes' science activity / O. Solyakov, D. Dianov // River transport (XXIst century).2015 – № 4 (75). – p. 19-21.

Describes main factors (external and internal), which influence on water transport institutes' science activity. Analyses prerequisites and principles of its improvement, including forming universal strategy of innovation projects realization.

Key words: water transport, sector science, directions of development, innovations.

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About practicability of using in shipbuilding steel thin-walled sections / Shamanin A.Y. // River transport (XXIst century).2015 – № 4 (75). – p. 40-43.

Substantiates practicability of using in shipbuilding steel thin-walled cold-formed perforated sections. Defines its optimal application areas.

Key words: thin-walled and cold-formed sections, compression, vessel's bulkhead, ship's general and local strength.

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The estimation of functioning profiled steel sheets' dependence from class of metal / I. Rumyantseva // River transport (XXIst century).2015 – № 4 (75). – p. 43-46.

Describes the results of quantitative research of steel profiled sheets' metal class influence on width's deactivation level of compressed horizontal shelves after loss of local stability.

Key words: Steel profiled sheets, local loss of stability

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The principles of creating floating navigation equipment's monitoring system on inland water ways / V. Karetnikov, Y. Andryushechkin, A. Yasnov // River transport (XXIst century).2015 – № 4 (75). – p. 46-49.

Analyses the problem of MW-band radio waves' distribution with influence of underlying surface and possibility of its translation by channels of differential corrections global navigation satellite system's automatic identification system. Describes the variant (on the example of the Gorky reservoir) to construct monitoring system of AIDS for navigation.

Key words: floating navigation equipment's monitoring system, automatic identification system, MW-band radio waves' distribution, underlying surface, control-correction station, navigation safety.

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Using satellite technologies for automation of navigation in coastal area / V. Katenin, A. Boykov, A. Katenin // River transport (XXIst century).2015 – № 4 (75). – p. 49-53.

Describes the principles of using satellite technologies for automation of navigation in coastal area.

Key words: satellite technology, automation of navigation, coastal shipping.

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The humanitarian environment of subject «Foreign language» as the means of forming technical students' moral qualities / Baranova E. V. // River transport (XXIst century).2015 – № 4 (75). – p. 53-56.

Describes the techniques and methods used in a technical institute of higher education in the process of foreign language teaching, leading to the moral upbringing of future specialist.

Key words: moral upbringing of students in a technical institute of higher education, humanitarian subject, humanitarian environment.

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Prospective areas of using hovercrafts / V. Lyubimov, V. Baryshev // River transport (XXIst century).2015 – № 4 (75). – p. 57-59.

Describes prospective areas of using transport hovercrafts. Estimates new machine's advantages in comparison with other vehicles.

Key words: hovercraft, passenger transportations, effectiveness, high speed.

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The mechanism of public-private partnership as the mean of inland water transport companies' development / N. Pumbrasova // River transport (XXIst century).2015 – № 4 (75). – p. 59-62.

Analyses modern state of inland water transport and defines the necessity of its priority development by using mechanism of public-private partnership

Key words: transport, water transport, problems of development, current status, funding, public-private partnership

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