
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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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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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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Analyzes 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.
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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Decscribes 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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Decscribes 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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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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