
Describes general statement of mathematical formalization of main tasks of dispatcher’s control of fleet processing in a port.

**Key words:** water transport, dispatcher’s control, fleet, processing of cargo fleet, port, mathematical model, phases of dispatcher’s control.

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Describes new devices for human-operator protection from heightened levels of vibration. Shows structural schemes of his seat’s suspension bracket and vibroisolating platforms to maintain vibroactive equipment on water transport objects.

**Key words:** seat’s suspension bracket, vibroisolating platform, mathematical model, orienting mechanism, vibroisolating device, dry friction damper.

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Offers the model of estimation of navigator-operator’s professional readiness. Shows examples of main parameters calculation.

**Key words:** model, professional readiness, navigator.

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Describes the spline-method of fuel consumption economical control on river ships oriented to achieve its minimal summary value during one trip. Shows example of calculation.

**Key words:** fuel saving, spline-method, minimal fuel consumption, river ship, main engines, diesel-generators, control, water way.

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Makes statistical estimation of different factors influencing processes of localization and removing oil spills in inland water ways conditions.

**Key words:** risk, spill oil, removing, environment, protection.

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Describes pre-communicative module of system of exercises which includes terminological and professional vocabulary. This module is positioned as the base for forming foreign language stable communicative competences of future engineers of water transport.

**Key words:** system of exercises, pre-communicative module, foreign language communicative competence, engineers of water transport.

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Describes feasibility study of necessity of river ships provision by remote immersion-meters for definition bulk of transportable goods. Shows example of calculation.

**Key words:** remote immersion-meters, bulk of transportable goods, precision of measuring.

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Describes using project technologies for training foreign language future specialists of water transport. These technologies provide increasing productivity of development of subject due to influencing on motivational sphere and activation student’s autonomy.

**Key words:** project technologies, foreign language, water transport, technical institute of higher education, increasing productivity of training.

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Describes using by shipping companies variants of account and sharing indirect costs according to Branch instruction and account politics, uncovers imperfections of exploitable bases of sharing. As a way of perfection of management account of indirect costs offers alternative schemes of
their sharing, especially the method of account overhead expenses by places of their costs and types of activity.

**Key words:** management account, indirect costs, places of costs, calculation of prime cost, cost sharing, method of functional account ABC.

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Describes the problem of co-operative training at foreign language lessons. Analyses the structure of the technology cooperation, shows main principles of structural approach.

**Key words:** training in cooperation, structure, criterions of effectiveness, communicative competence.

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Shows the results of researches of leveled order of river Ob’, curves of free surface, and also of analysis of project marks. Gives an overview of the method of water level forecast. Offers suggestions for increasing water ways’ quality characteristics in analyzed area.

**Key words:** project level, channel sand-pit, navigational safety, levels forecast.

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