



*Dear Colleagues,
Ladies and Gentlemen,*

We highly appreciate this opportunity to present the various activities accomplished by the key divisions of a State Science Centre of the Russian Federation, the Krylov Shipbuilding Research Institute Federal State Enterprise in 2004–2005.

For more than 110 years the Krylov Institute have been contributing a lot to the strength and power of the Russian navy starting from the days of its establishment, generation of glorious and legendary traditions of our Navy. The outcomes of the Krylov Institute have been always compared to the level of the world most advanced achievements in naval shipbuilding. In this booklet we have tried to collect information on our latest advanced technologies, design solutions, and theoretical developments in commercial and naval shipbuilding for professionals to evaluate the prospects and challenges of the naval weapons and equipment developments in the present days. This report is meant to highlight the developments made at the institute over the last two years and provide stimulation for discussion and cooperation.

We hope that presented key scientific results of fundamental and applied research studies would be useful for economically reasonable processes of international integration in the naval shipbuilding and our booklet would be of interest to the scientists and designers both in Russia and abroad.

Science Principal & Director

V.M. Pashin
Full Member of the Russian Academy of Sciences