

# Research , Study and International Cooperation

## Research and Studies

Small craft have characteristics significantly different from that of large ships regarding their structures, materials, performances, modes of services, etc., and hence in many cases a technical approach to evaluate the safety of small craft is necessary to consider that is different from that for large ships.

For this reason, JCI, since its establishment, has done extensive research and studies covering a wide range of areas, including stability, structural strength, fire fighting and other areas for promoting the safety of small craft. The results, thereof, are reflected in the safety standards of small craft.

The JCI Technology Department acts as the hub of these research and studies which are in many cases performed by organizing joint study teams together with research organizations such as the National Maritime Research Institute, the Shipbuilding Research Centre, the Research Institute of Marine Engineering and universities, and the study reports are then publicized.

Recent research and studies include those of hull construction and design, measurement of exhaust gas emission, review of required diameter of propeller shafts, measurement of noise emission, etc.



Test for measurement of noise emission

## International Co-operation

Nowadays sales of imported boats in Japan have reached about half the portion of total sales of newly built boats in Japan. In order to give foreign craft exporters assistance for their access to the Japanese Craft market, JCI is providing them with information about Japan's safety regulations and inspection application procedures in English. (website: [www.jci.go.jp](http://www.jci.go.jp) enquiries: [kensa@jci.go.jp](mailto:kensa@jci.go.jp))

For the purpose of sound development of the international boat industry, it is essential to harmonize safety standards for craft globally. JCI is participating positively in ISO activities for development of these international standards.

