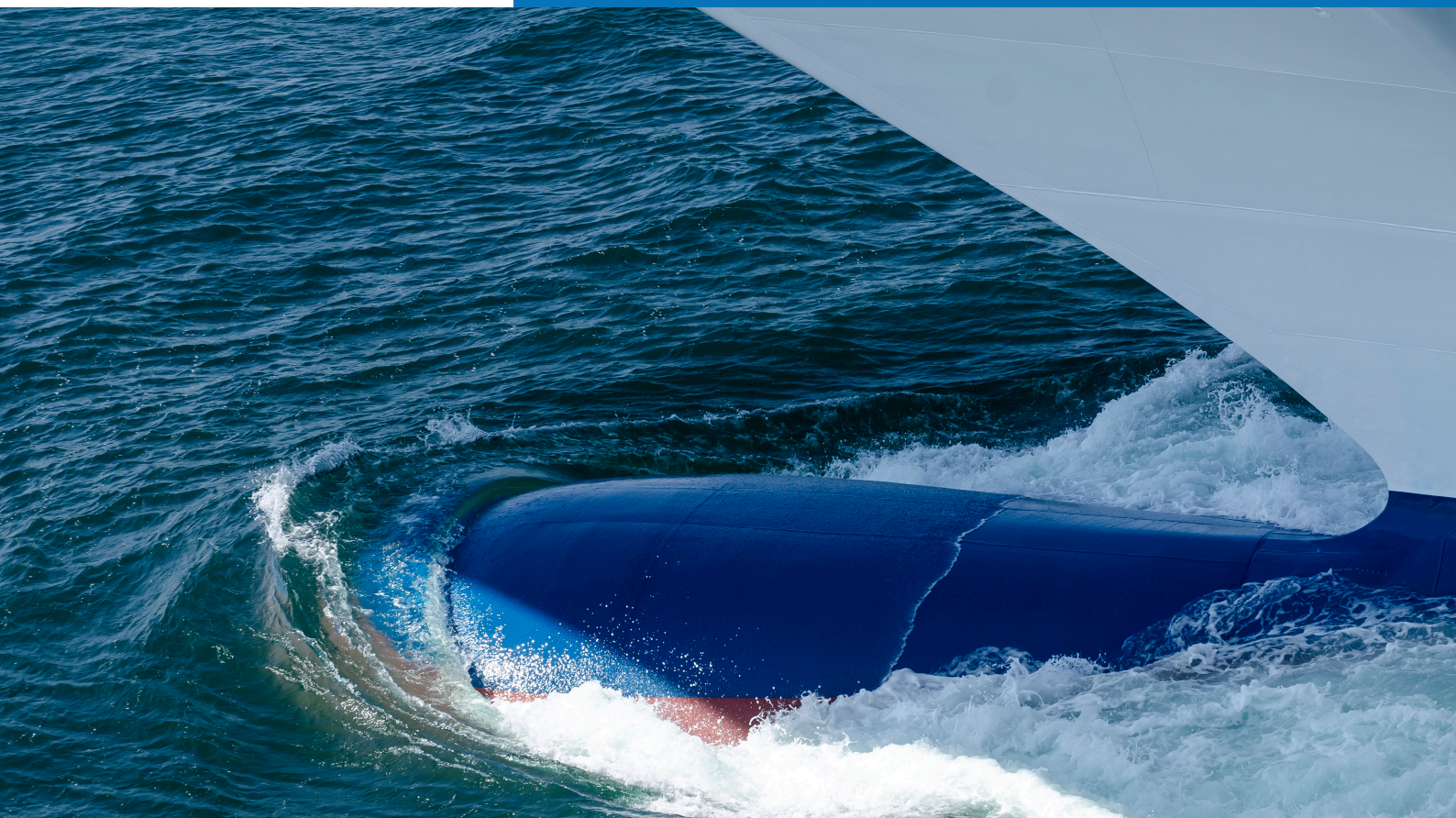




THE ITALIAN SHIP RESEARCH CENTRE



a **FINCANTIERI** company

## CETENA S.p.A.

CETENA S.p.A – a research and consultancy center in the naval and maritime field - which was established in 1962, is a Fincantieri company with its headquarters in Genoa. CETENA provides support for its customers with a wide range of activities in the maritime field in both civil and naval sectors.

### Research and Innovation

- Universities, National and International Research Centers
- National & Technological Districts
- Naval & Maritime European Associations

### Engineering Consultancy

- Fluid dynamics
- Structures & materials
- Noise & vibration
- Ship survivability
- Ergonomics & human factors
- Virtual prototyping
- Manoeuvring
- Mooring analysis
- Safety at sea
- Environment

### Experimental Activities

- On board trials
- Environmental trials
- Calibration and Testing Laboratory

### Solutions

- Naval Simulators
- Maritime simulators
- Serious Games
- Augmented reality solutions
- Monitoring Systems
- Digital support to onboard operations

### Training

- Transfer of technology
- Academy

CETENA manages each of these activities with its team of experts with professional competences, knowledge and experience. To maintain a direct link with shipyard activities (engineering and production), CETENA has different offices and test laboratories in strategic positions all over Italy (Trieste - Riva Trigoso - Castellammare - Palermo).

CETENA also collaborates with different research centres in Italy and Europe and it is involved in many research projects with Universities, Ministries and industrial companies.

The dual principal aspects of CETENA are research and customer support which distinguish CETENA in the market through tangible advantages: on one hand the innovative support to the industrial sector provided by technicians involved in research activities, on the other hand a real contribution to research, thanks to the ability of CETENA of addressing research activities depending on the inputs received by the industry.

Starting from basic research developed with the Universities with which it cooperates, CETENA turns knowledge into solutions able to satisfy the requests of its customers.