

## Hamburgische Schiffbau- Versuchsanstalt GmbH

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HSVA is a central point for applied research in all areas related to transport systems and ship technologies in open water and ice.

### Marine Services

Ship Lines and Propeller Design.

Numerical and experimental research for ships and offshore structures in open water and in ice.

Model Tests for Resistance, Propulsion, Seakeeping, Manoeuvring, Cavitation, Hydro-acoustics, Ice breaking.

Sea Trial Measurements.

### Test Facilities

Towing tank with wavemakers and computerized planar motion carriage; Ice Tank; Environmental test basin (-20° C possible);

Hydrodynamics and Cavitation tunnel (HYKAT)

Total labour force: 97