

## **Ballast Water Treatment Retrofit Services**

## **General:**

KNUD E. HANSEN can provide a full package of services to meet the challenges of the new Ballast Water Treatment regulations.

IMO Ballast Water Convention will enter into force: 8. September 2017.

Installation of a Ballast Water Treatment system on an existing vessel will require comprehensive planning. Consideration must be given to both technical and commercial aspects of such a project, as well as the logistics a time frame for engineering, ordering and installing the selected system.

## The services can include:

- Ship survey/pre-planning and cost proposals
- Assessment of suitable technology and availability
- BWT system selection and space allocation
- Ballast system modifications
- Assessment of ancillary technical considerations (IAMCS, etc.)
- Optimised project plan specifying yard, maker and design scope of work
- Installation
- Commissioning/start-up
- Crew training/documentation

