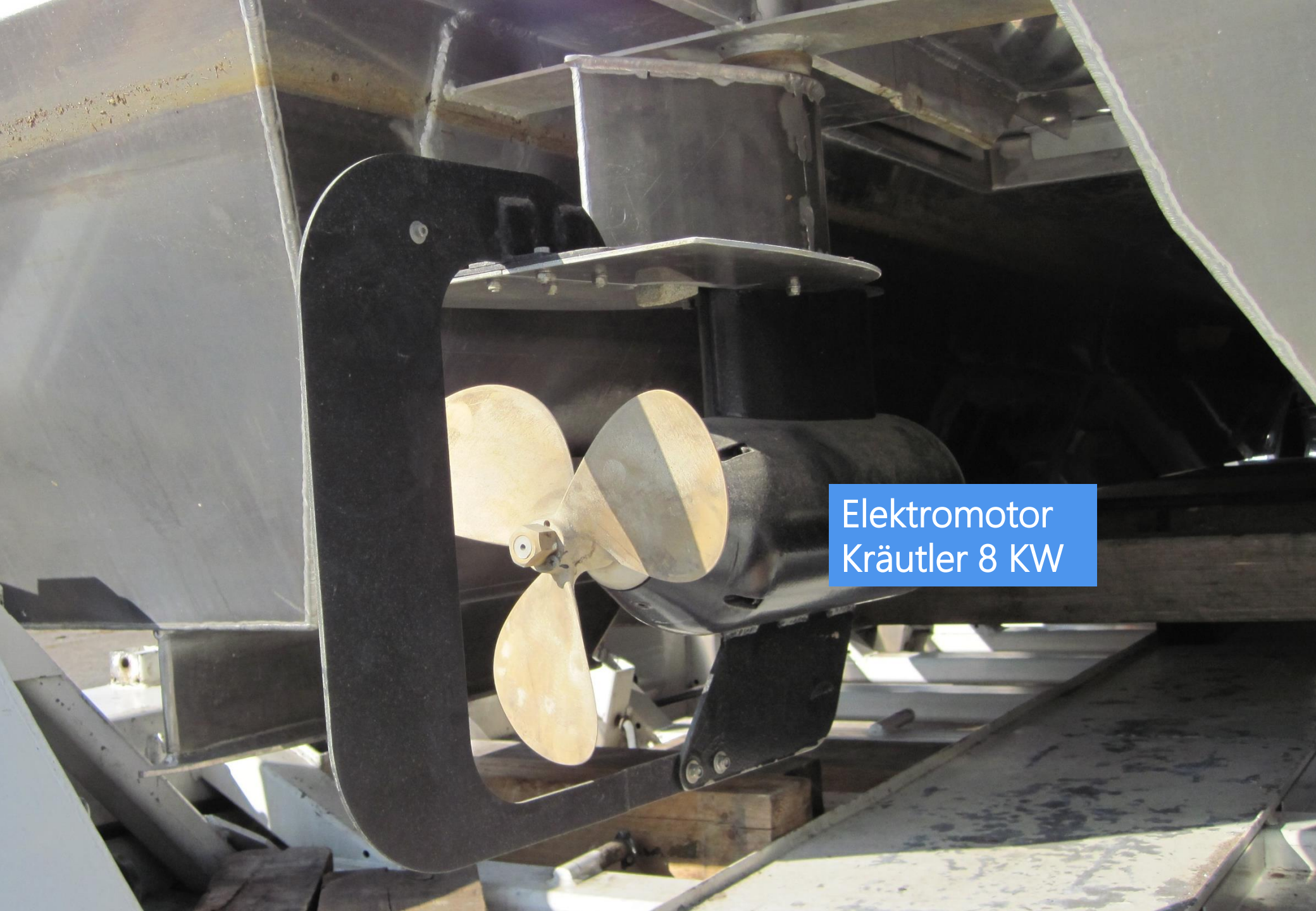


BTU-Forschungskatamaran, DFG-Großgerät, Bj. 2014

Länge max: 8,27 m - Breite max: 2,55 m - Tiefgang: 0,42-0,57 m - Gewicht: 3,6 t-4,7 t
Zuladung: 1,1 t (8 Personen) - Diesel-Elektrischer Antrieb - Geschwindigkeit max. 8 Km/h



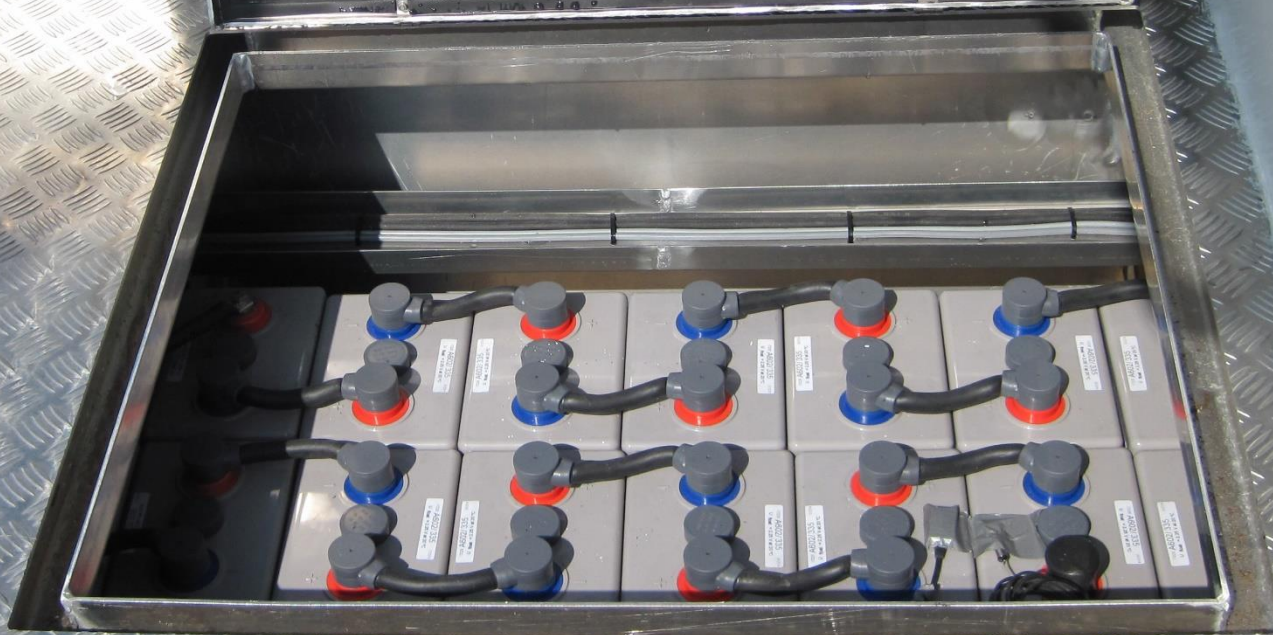


Elektromotor
Krätzer 8 KW

Solaranlage 1000 Wp

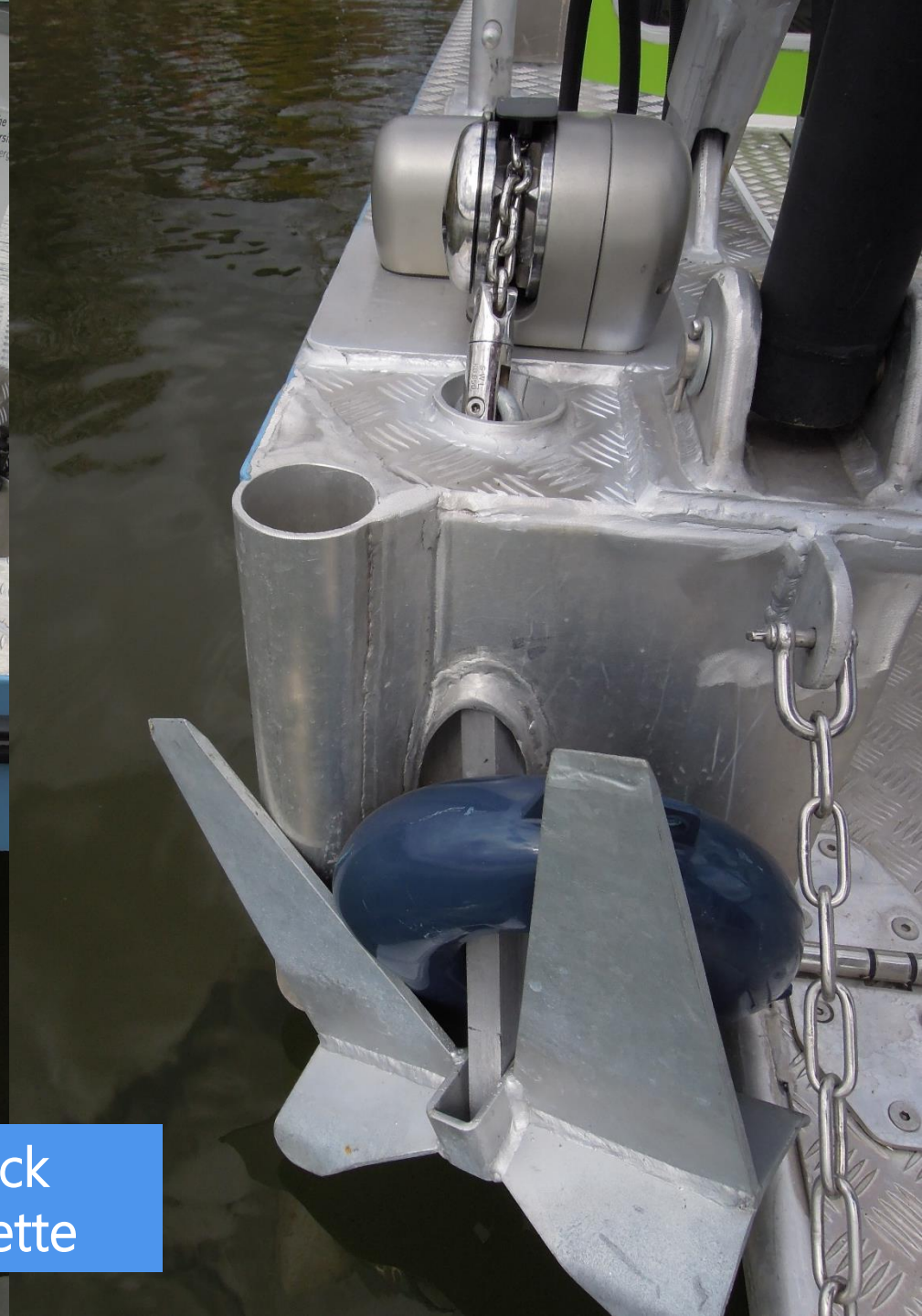


BatteriebANK 48V
24x2V 436Ah



A photograph showing a white Diesel-Generator installed in a metal compartment on a boat. The compartment is open, revealing the generator unit. The surrounding area is made of aluminum with a diamond plate pattern. A blue text box is overlaid on the image, providing the generator's name and power rating. The background shows the boat's hull and a window.

Diesel-Generator
Whisper Power 11 KW



Ankerwinde an Bug und Heck
Ankergeschirr mit je 60m Kette

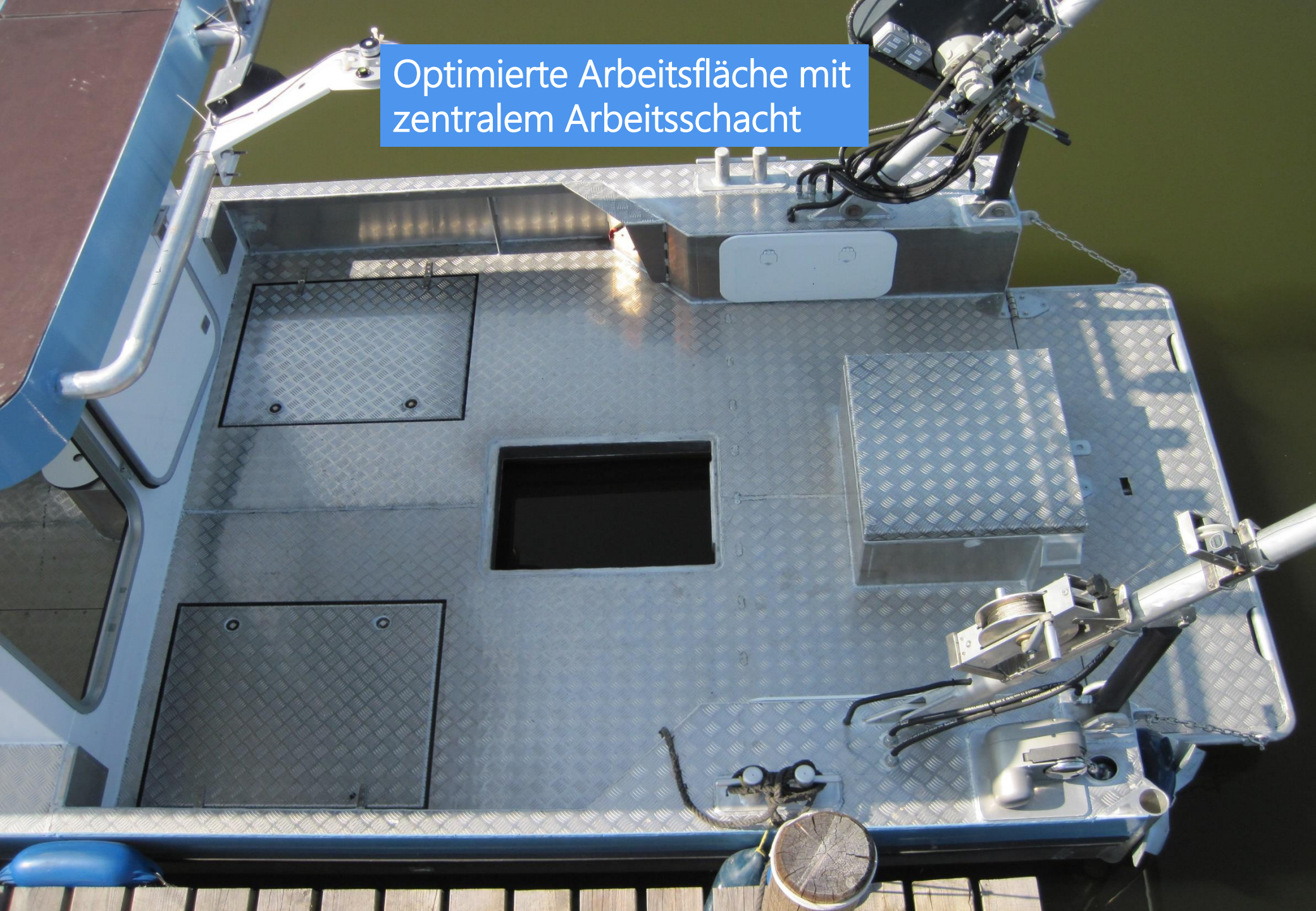
Hydraulik-Winde
mit Zählwerk
max. 150Kg, 30m/min



A close-up view of a silver-colored metal hand winch mounted on a boat's mast. The winch features a large spool for winding rope and a hand crank with a black grip. A cable runs from the winch up the mast, passing through a pulley. The boat's deck is visible in the foreground, showing a coiled rope and various fittings. The background consists of a calm lake reflecting the sky, with a line of trees on the far shore under a clear blue sky.

Leichte Handwinde
mit Zählwerk

Optimierte Arbeitsfläche mit
zentralem Arbeitsschacht





UWITEC-Sediment-Corer

The image shows the interior of a boat cabin. On the left, a laptop sits on a shelf, displaying a screen with data. A black cable reel is on the floor. A window in the center shows a measurement shaft with a pulley system extending outside. The text 'Messschacht innerhalb der Kabine' is overlaid on the image.

Messschacht
innerhalb der
Kabine



GPS / Sonar
Downscan 50/200 kHz, Sidescan 455/800 kHz

Wetterstation

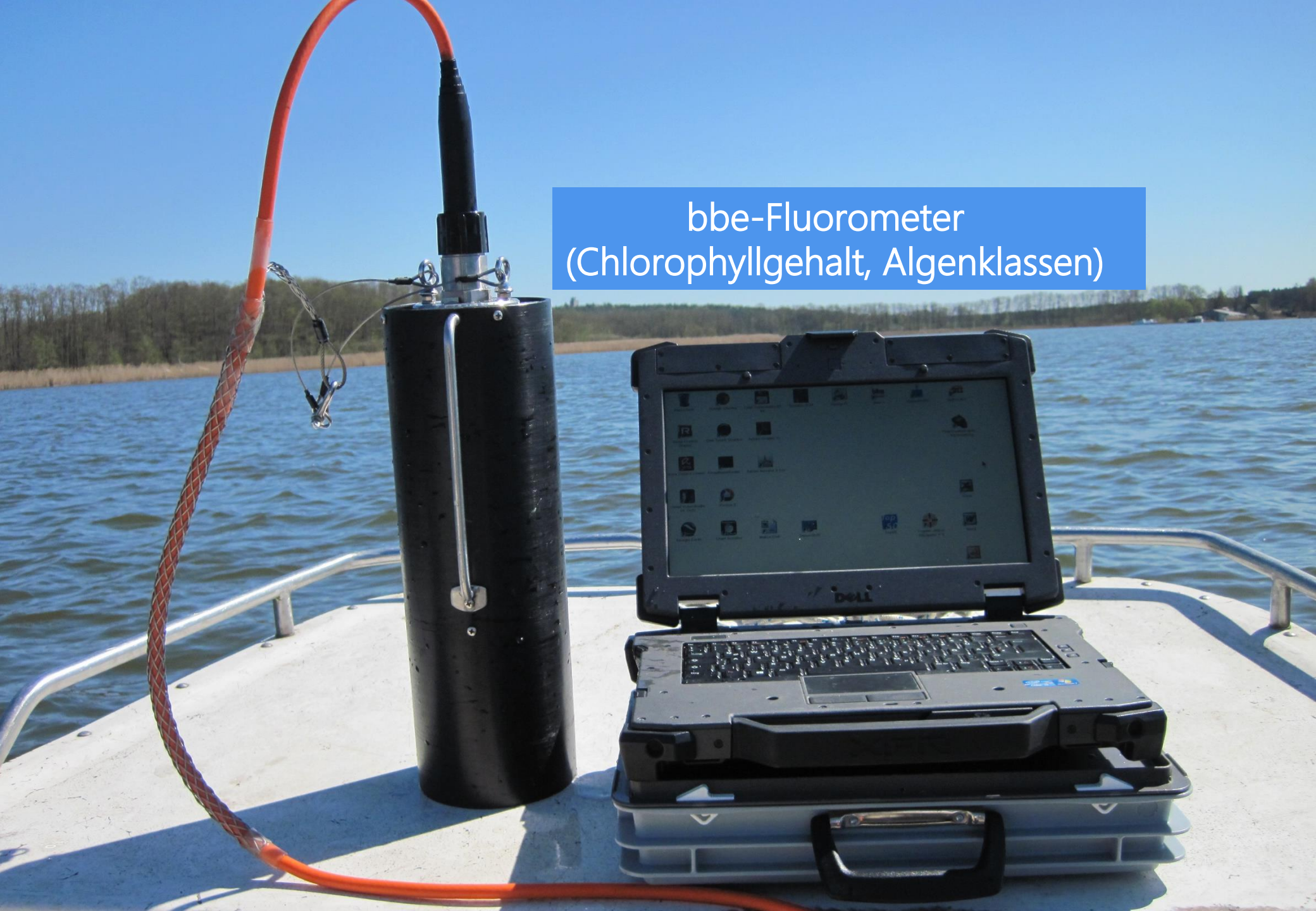
Par-Strahlung, Temperatur, Wind,
Niederschlag, Luftfeuchte, Luftdruck



Multiparametersonde
(Sauerst., Leitfähigk., pH,
Temp., Tiefe, Trübung,
Redox-Potential)



bbe-Fluorometer
(Chlorophyllgehalt, Algenklassen)



Der BTU-Forschungskatamaran, die optimale Grundlage für eine sichere, praxisnahe studentische Geländeausbildung.

