

AWI - Research vessels

POLARSTERN

Polar research icebreaker and supply vessel
 Commissioned : 1982
 Home port : Bremerhaven
 Main cruising areas : Arctic and Antarctic Ocean
 Length : 118 metres
 Crew complement : 43- 44
 Work opportunities : 55 persons, scientific or technical staff



NEW POLARSTERN

Polar research icebreaker and supply vessel

...tendering process ongoing...



TIMELINE:

- 2014 : Ministry starts the tendering process
- 2020-Feb: Ministry cancels the tendering process due to legal reasons
- 2020-Feb: Ministry enables AWI to set up a project team and start a new tender
- 2022-Jun: Adoption of the federal budget by the federal parliament (Bundestag)
- 2022-Jun: AWI starts the tendering process
- 2029/30 : Planned delivery of the new vessel

HEINCKE

Medium-range research vessel
 Commissioned : 1990
 Home port : Helgoland
 Main cruising areas : North Sea and North Atlantic
 Length : 54.5 metres
 Crew complement : 12
 Work opportunities : 12 persons, scientific or technical staff



- 2021/2022: Renewal of multibeam and sediment sounder to Kongsberg EM712 and Innomar SES2000
- 2020/2021: Overhaul of fishery winches.
- 2019/2020: Overhaul of scientific winches. Class renewal.
- 2018/2019: Overhaul of cabins, wet cells and mess rooms.

MYA II

Research vessel
 Commissioned : 2013; (with particulate filter & SCR)
 Home port : List / Sylt
 Main cruising areas : Sylt-Rømø & North Sea to Helgoland
 Length : 21,7 metres
 Crew complement : 2
 Work opportunities : 10 persons, scientific or technical staff



UTHÖRN

Research vessel
 Commissioned : 2024
 Home port : Helgoland
 Main cruising areas : Helgoland and German Bight
 Length : 35.7 metres
 Crew complement : 5
 Work opportunities : 4 / 25 persons, scientific or technical staff



- Powered by green methanol**
- Length over all : 35.70 m
 - Width on frames : 9.00 m
 - Side height : 3.65 m
 - Draft : 2.20 m
 - Max. speed : 10.0 kn
 - Main engines : 2 x 300 kW (methanol engines)
 - Drive power : 2 x 200 kW (electric)
 - A-frame : max. load 3 tons
 - L-frame : max. load 1.5 tons
 - Crane : SWL of 1.1 tons at 11 m

AADE

Motorboat
 Commissioned : 1974
 Home port : Helgoland
 Cruising area : Helgoland and surroundings
 Length : 12.9 metres
 Crew complement : 2
 Work opportunities : 3 persons, scientific or technical staff

To be renewed 2025



The Alfred-Wegener-Institute...

- was established in Bremerhaven 1980 as a foundation under public law and has about 1200 employees (2022)
- is an international leader in polar research
- provides the scientific basis for political decisions
- provides essential polar and marine infrastructures
- in the context of climate and coastal research, makes significant contributions to promoting awareness of how our global environment and the earth system are changing

Research Infrastructure

