

FROM THE SEAFLOOR
TO THE ATMOSPHERE

Helmholtz Centre
for Ocean Research

ROV KIEL 6000
and
ROV PHOCA





General:

Work Class 3 Vehicle

No tether management

Electrically driven

3.5 x 20' feet container footprint in op

System weight 65 t, 5 x 20' container

Tasks:

Observation and sampling

Geological + biological+ geochemical

Probe and tool operation

Preceise deployment of lander

Working areas:

Worldwide, hot+cold vents,

ROV KIEL 6000: platforms used



RV SONNE, RF Germany

L'ATALANTE, IFREMER France

RV M.S. MERIAN, Briese Germany

RV METEOR, Laeisz Germany

RV CELTIC Explorer, Marine Inst. Ireland

RV POLARSTERN, AWI + Laeisz Germany

RSS JAMES COOK, NOCS United Kingdom

-> from global to regional vessels



General:

Work Class 3 vehicle

No tether management

Electrically driven

2 x 20' feet container footprint in op

System weight 35 t, 3 x 20' container

Tasks:

Observation and sampling

Geological + biological+ geochemical

Probe operation

Preceise deployment of lander

Working areas:

Worldwide, hot+cold vents,

ROV PHOCA platforms intended to use



Intended to be used on regional vessels

LARS compatible to QUEST and ROV KIEL 6000, ready to go on global vessels

