

Deep-Arvor profiling float



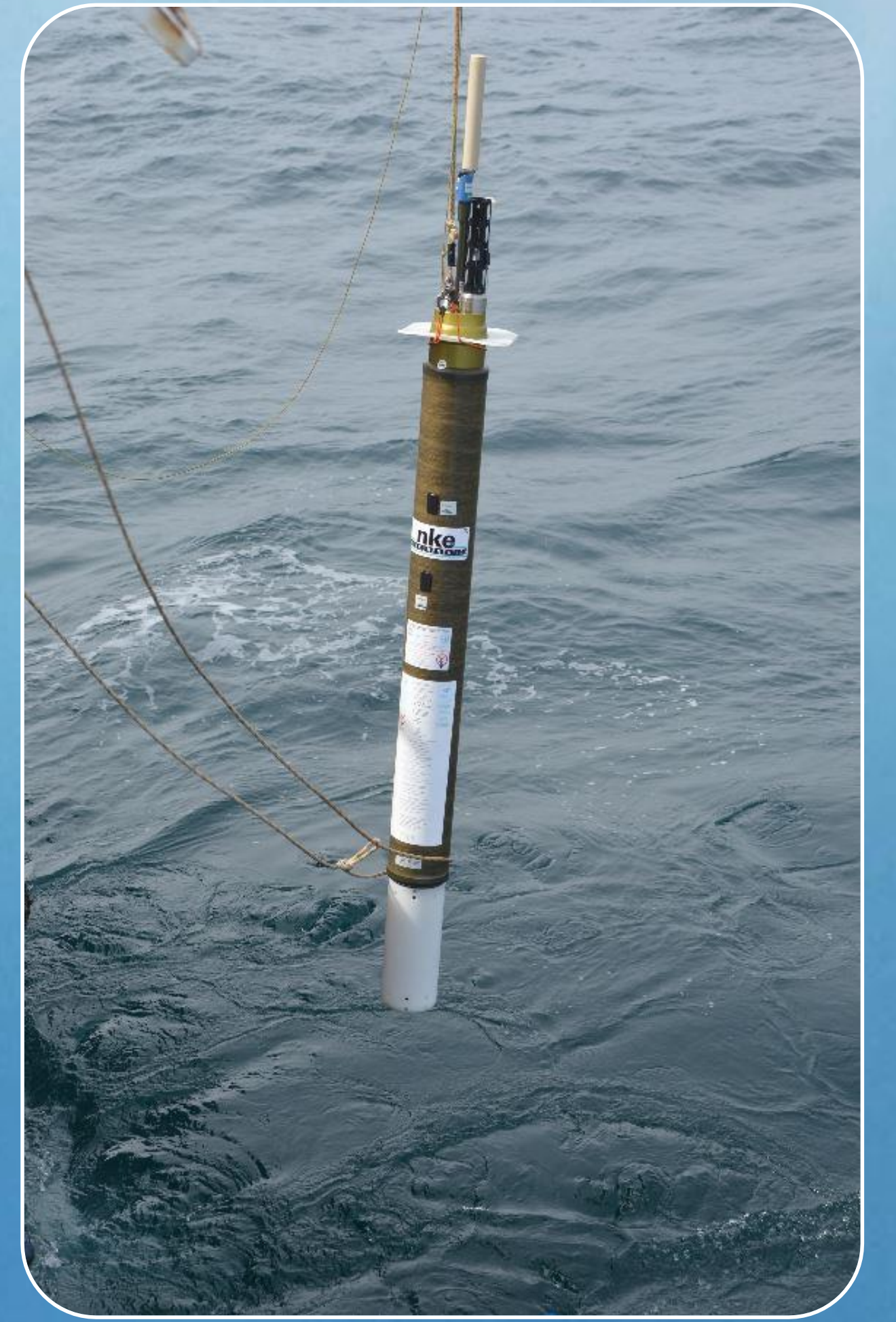
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100%
Argo
compliant

Deep-Arvor: a deep profiling float « 100 % Argo compliant »

Profile during ascent

Profile data transmitted immediately

Ascent & descent speed control

Meas. available during descent

Ice Sensing Algorithm (ISA)

Reinforced grounding management

High resolution (4,000 CTD samples)

From seafloor to surface

€ Cost effective

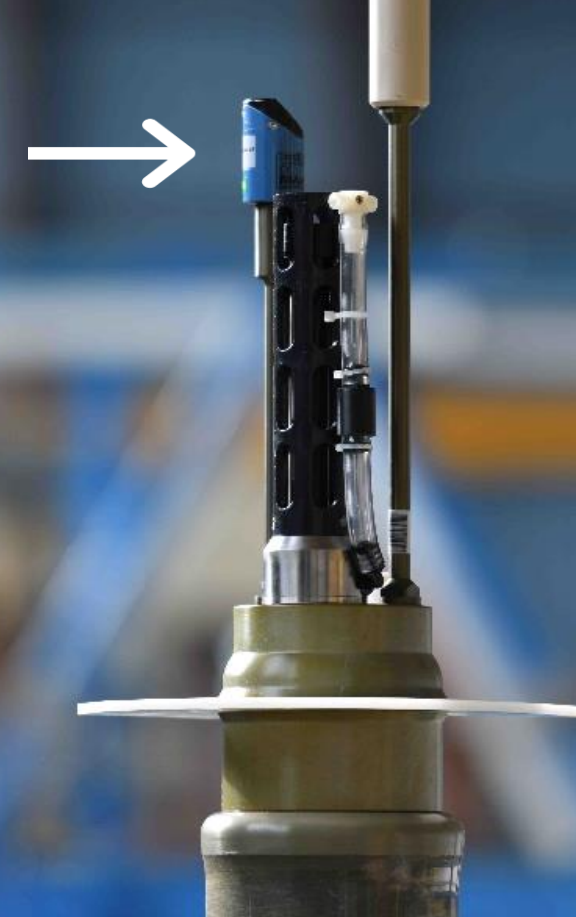
Continuous pumping

up to **150**
CTD cycles

Spot sampling

up to **200**
CTD cycles

DO available + in-air meas.

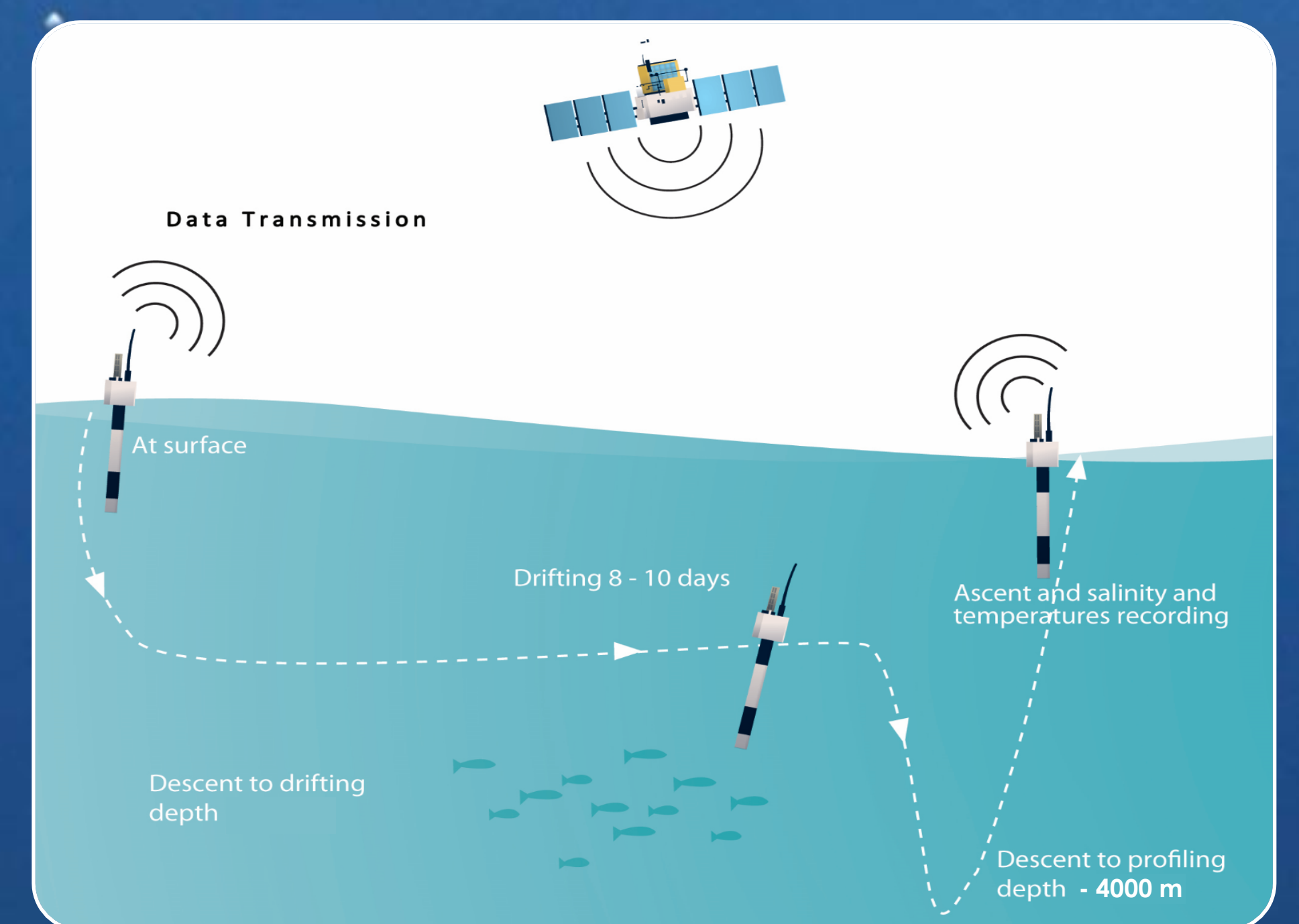


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max **4000**
meters depth

26 kg

high **PAYLOAD**
capacity



© Euro-Argo

WAPITI Deep-Arvor

- Deep-Arvor + ADCP
- Measurement of deep water-masses currents in the Weddell sea (Antarctic)
- ADCP in bottom tracking mode



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3-heads Deep-Arvor

- Deep-Arvor with Seabird SBE41 CTD + Seabird SBE61 CTD + RBR Concerto CTD
- In-situ inter-comparison of CTDs:
 - Pressure dependency?
 - Accuracy?
 - Long-term stability?
- Designed to embed more sensors



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