

Design of profiling floats at Ifremer

Skills



Electronics & energy

Embedded

software



Mechanics



Materials



Qualifications



Project management

Qualification process

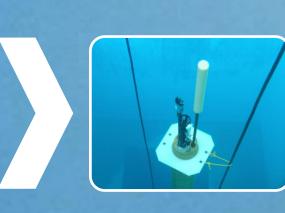


In-lab simulation



Pressure tank

Sensors

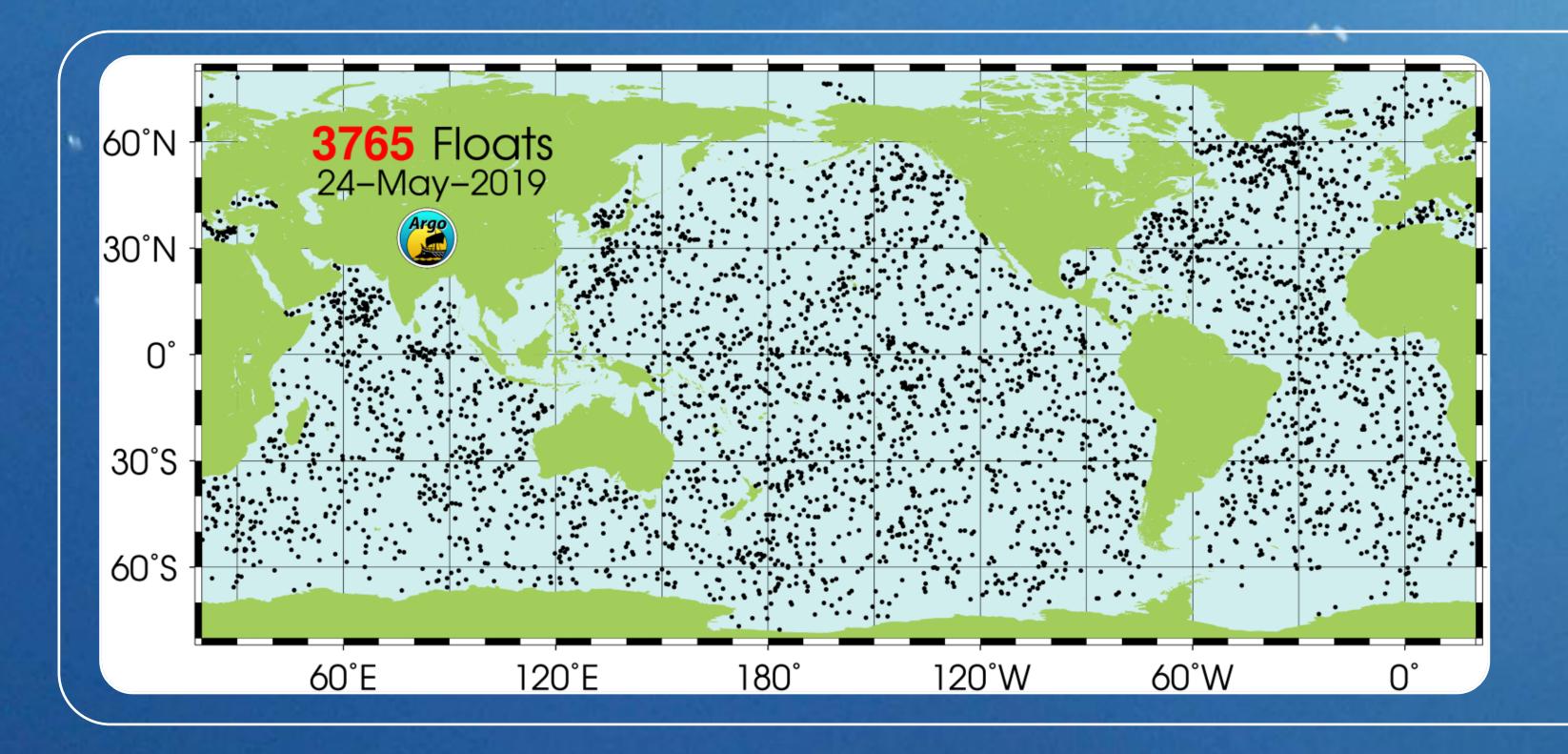


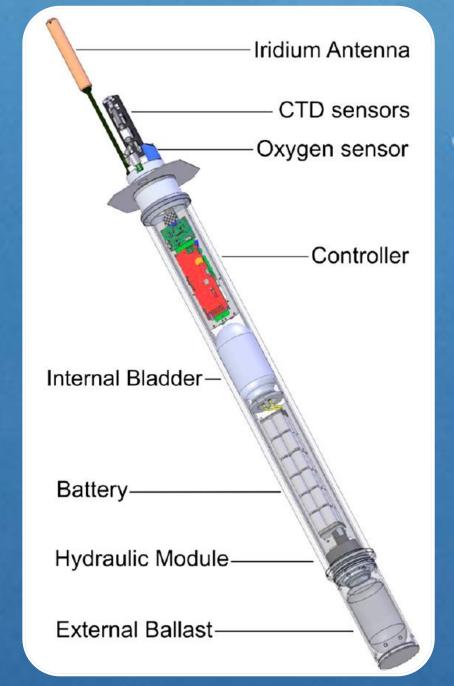
Seawater pool

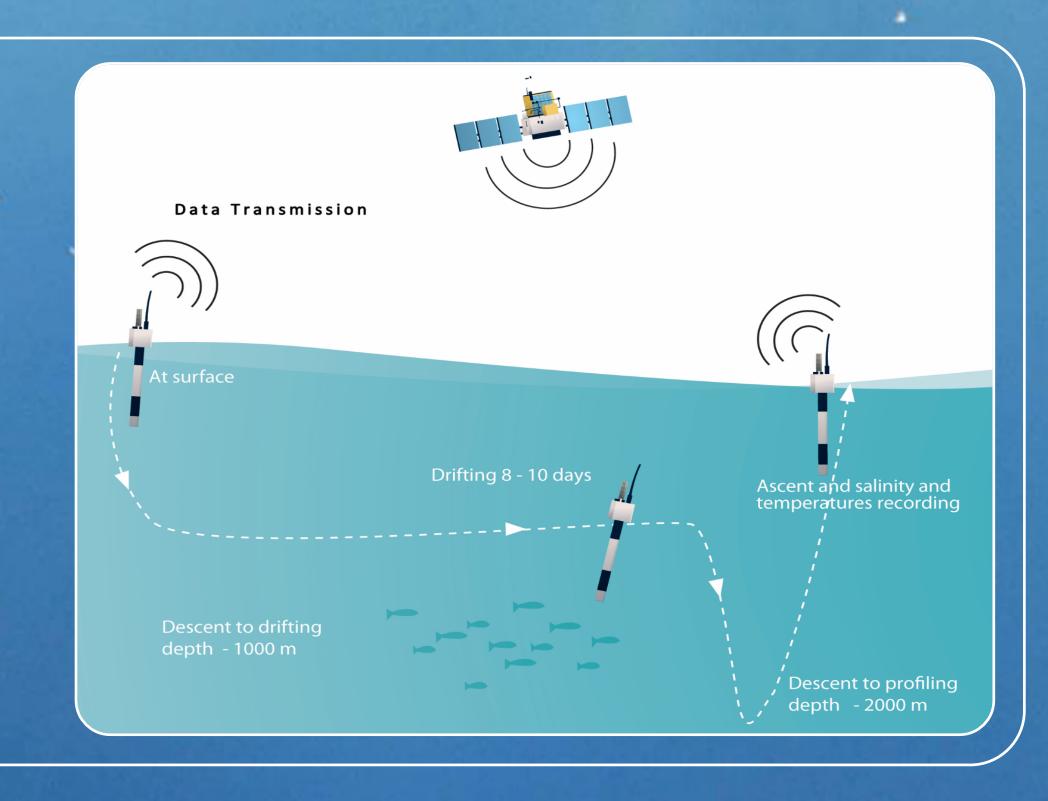
Integration



Sea trials

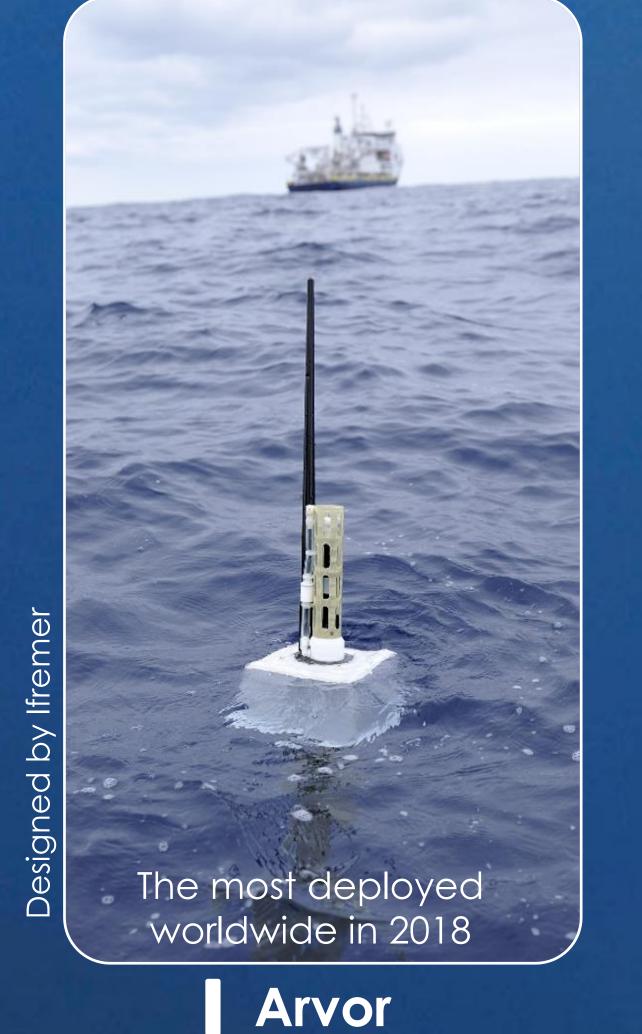








Deep-Arvor



2000× 20 \$ 2



Provor

2000× PAYLOAD

capacity



Provor BGC

2000×

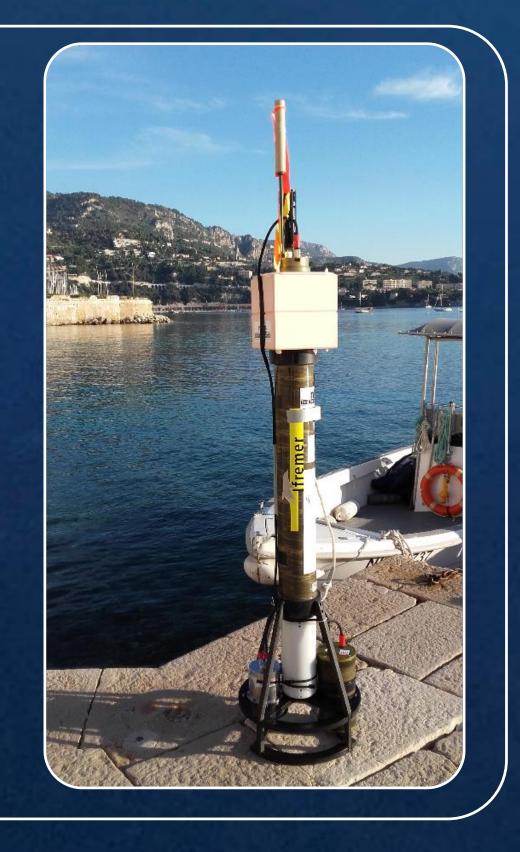
paramete

WAPITI Deep-Arvor

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







3-heads Deep-Arvor

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

