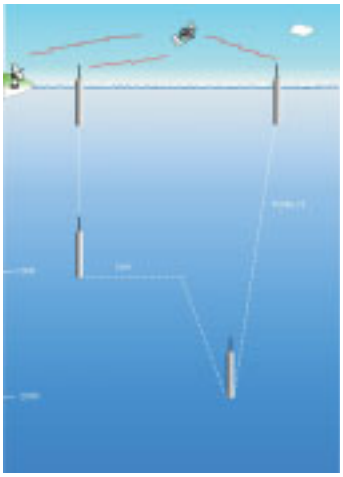
PROVOR

an autonomous profiler



Provor is a self ballasted float able to drift at a given parking depth and then to dive down to 2000 m before profiling up to the surface where data are transmitted through the Argos link.

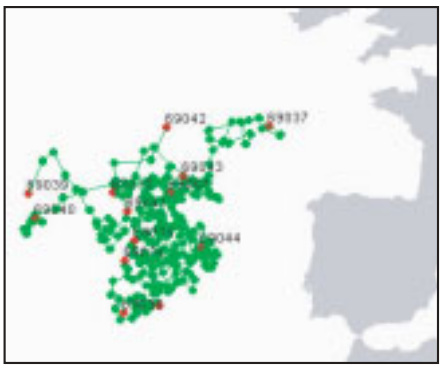
More than 100 cycles are performed during its 3 year lifetime. It can be fitted with T or C/T sensors and doesn't need any precise weighting to reach its parking depth before launching.

Data acquisition is fully programmable. The typical surfacing period is 10 days and the profiling depth can be set to be different from the parking depth.

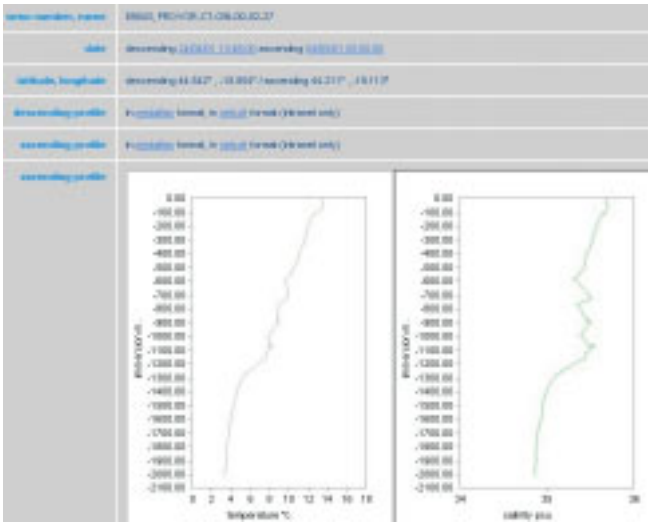
Provor is developed by IFREMER in partnership with MARTEC.

3 versions are available

a) Provor T fitted with a Seascan sensor.
b) Provor CT fitted with a Falmouth Scientific sensor.
c) Provor CT fitted with a Seabird sensor.



Provor float tracks



Web site : www.coriolis.eu.org

Provor floats have been deployed by various countries (France, UK, Japan...)
Within the Coriolis * project, deployments are made essentially in the Atlantic and a few in the Indian ocean.
These deployments are part of the Argo * network.

CORIOLIS : a French project for *in situ* operational oceanography (IFREMER, SHOM, IRD, Météo-France, IFRTP and CNES)
ARGO : a global array of profiling floats (3° x 3° coverage)

www.ifremer.fr

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