



Sailing VOS Feasibility Study Project: report progress

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Sailing VOS (Voluntary Observing System) feasibility study contribute to improve the operational

oceanography in the Mediterranean Sea, using sailing boats like ships of opportunity.

Sailing boats are particularly adequate to monitoring in real time the surface of open sea and costal

area. These data can be used and transmitted in real time and assimilated in physics and biological

predictive models of sea. They can be used, also, for the calibration of marine satellite data.

The Sailing VOS take origin from the program of VOS, that it is based on the lines guide of the

Intergovernmental Oceanographic Commission (IOC) of UNESCO and of the World Meteorological Organization (WMO).

Sailing VOS (Voluntary Observing System) feasibility study uses different oceanographic methodologies developed in the MFSTEP project.

A first data acquisition experience was made with MFSTEP tools on Gindungo Sail boat

of Antarctica Sailing Project.

The next step will be to verify the spatial and temporal cover capacity of sail boat.

Like first example we show the results of a study on the Italian pleasure craft that highlight all possible lines track.

The description of the sailing boat tracks give us an idea of the time and space coverage and of the quantity of data collection.