



Italian National Report

DBCP-27

Pierre-Marie Poulain

Istituto Nazionale di Oceanografia e Geofisica Sperimentale (OGS)
Trieste, Italy

With contribution from the

Istituto Superiore per la protezione e la ricerca ambientale (ISPRA)
and
The Consiglio Nazionale delle Ricerche (CNR)



Outline

- **Network of coastal buoys (ISPRA)**
- **Open Sea meteo-marine buoy (CNR)**
- **Surface drifters (OGS): past and future**

Network of coastal buoys (ISPRA): RON



➤ 15 buoys along the Italian coasts

➤ Directional waves, SST, air temp, humidity, wind, atmospheric pressure

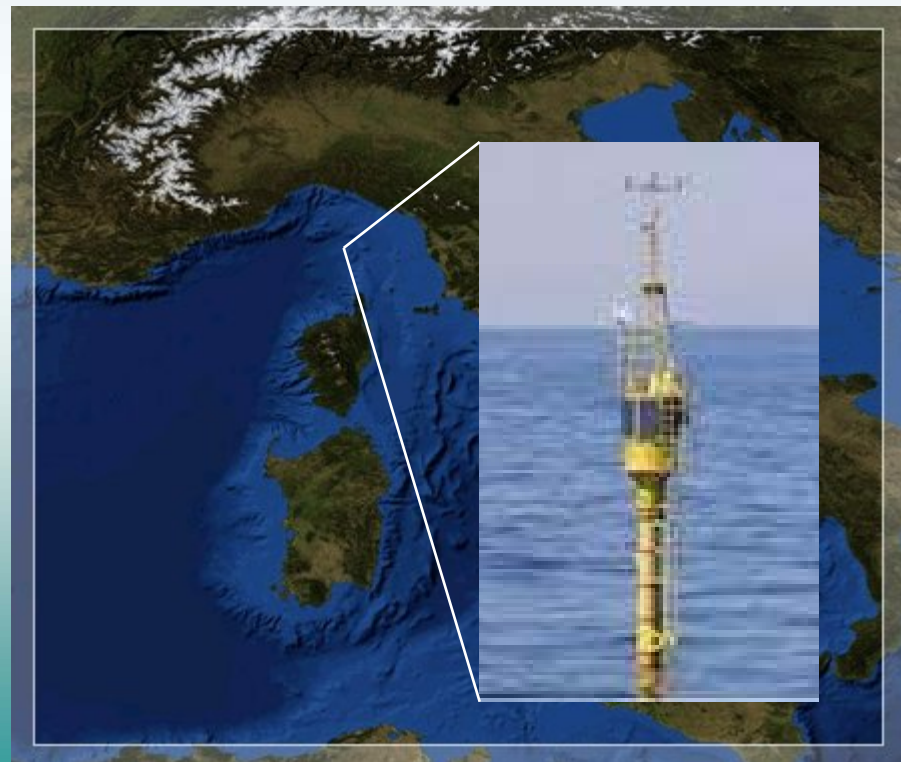
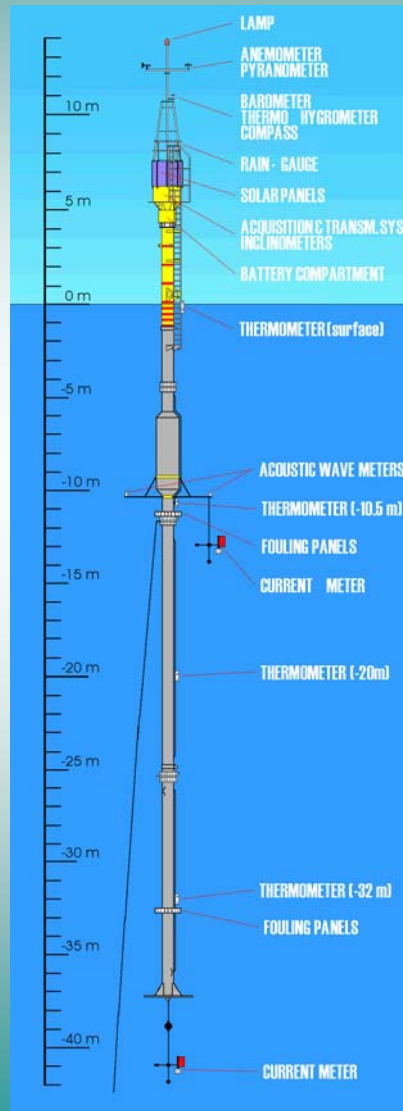
➤ All buoys reporting on the GTS!

➤ 2012: deployment of 1 additional buoy



Meteo-marine buoy (CNR): ODAS

- 1 buoy in central Ligurian Sea
- Various meteo-marine parameters
- Reporting on the GTS



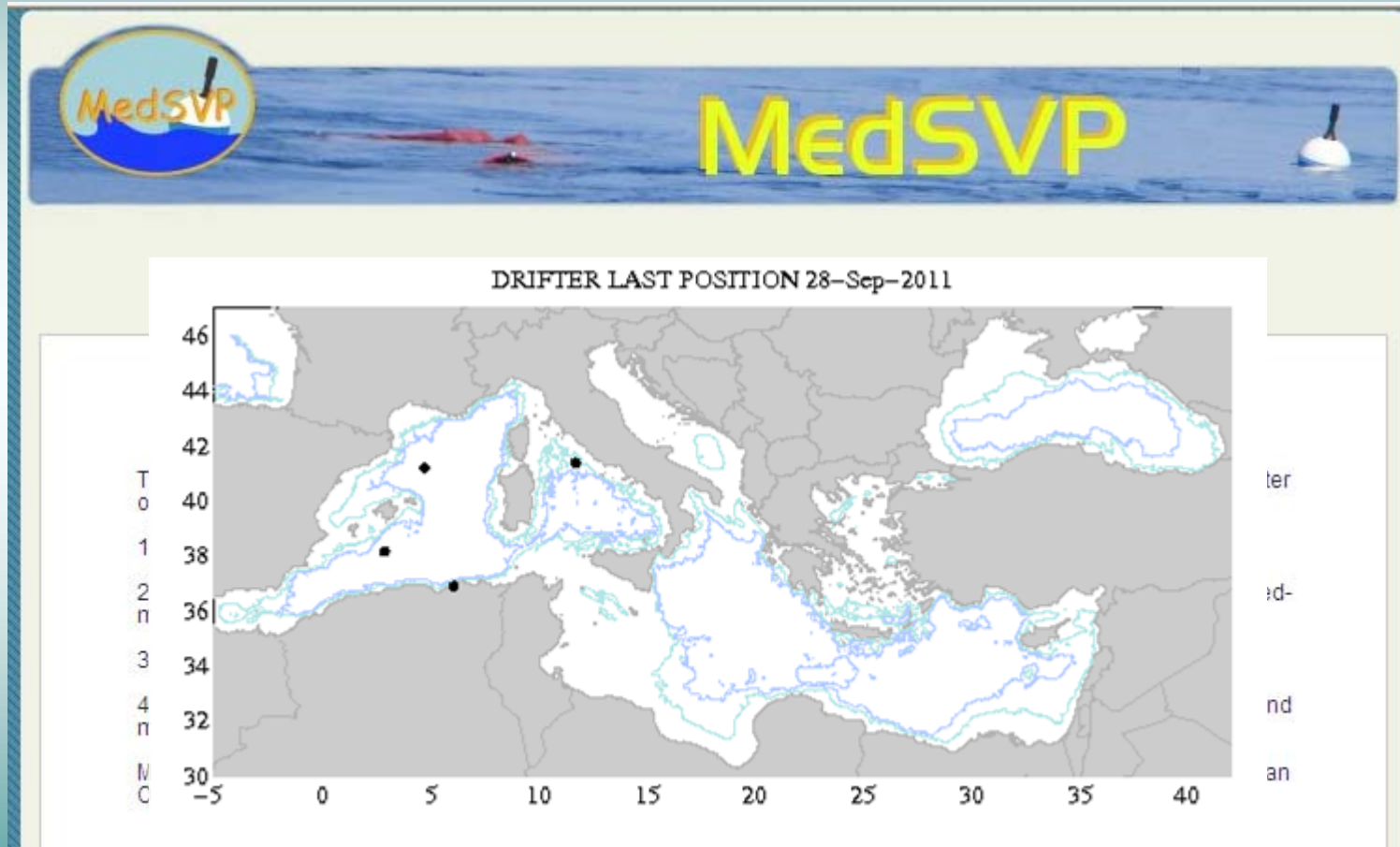


Surface drifters (OGS): Future

- **30 SVP-Iridium drifters to be deployed in the Mediterranean Sea in 2012 (funded by the Italian Ministry of Research)**
- **30 SVP-Argos drifters to be deployed in the North Tropical Atlantic (off Senegal) in 2012 (funded by the US Office of Naval Research)**

Mediterranean drifters (OGS): Past

Surface drifters in the Mediterranean and Black Seas

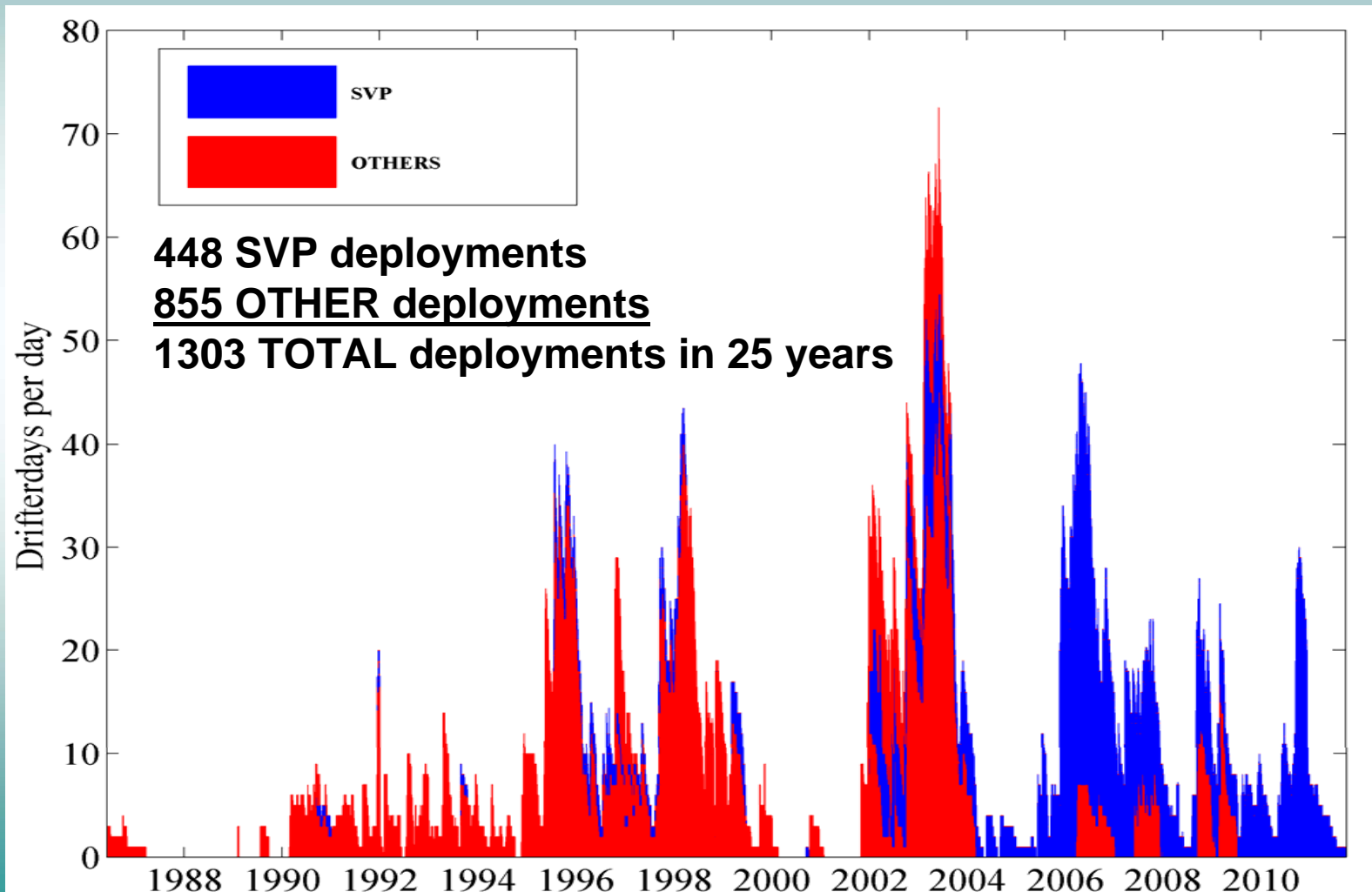


<http://nettuno.ogs.trieste.it/sire/medsvp/>



Mediterranean drifters (OGS): Past

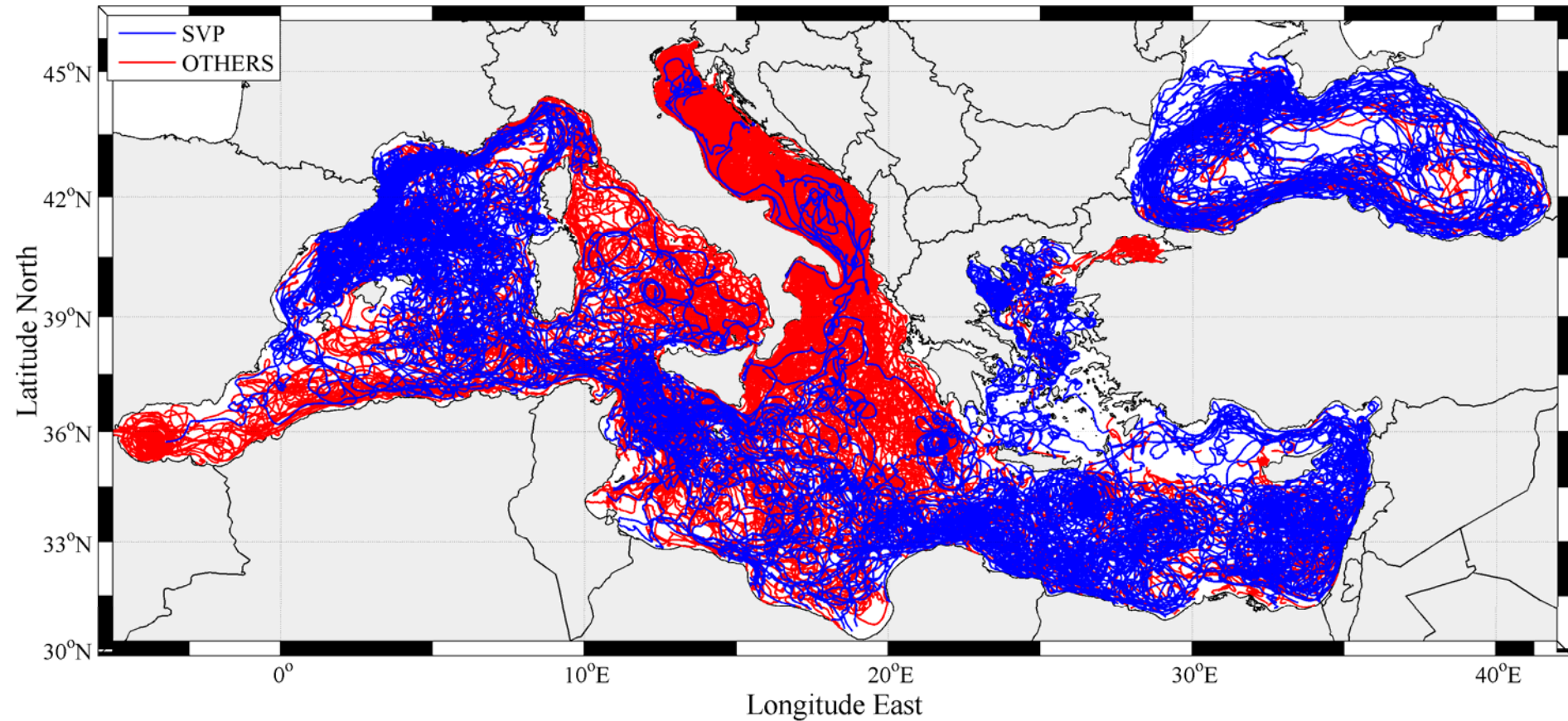
Surface drifters in the Mediterranean and Black Seas





Mediterranean drifters (OGS): Past

Surface drifters in the Mediterranean and Black Seas





Mediterranean drifters (OGS): Past

Surface drifters in the Mediterranean and Black Seas

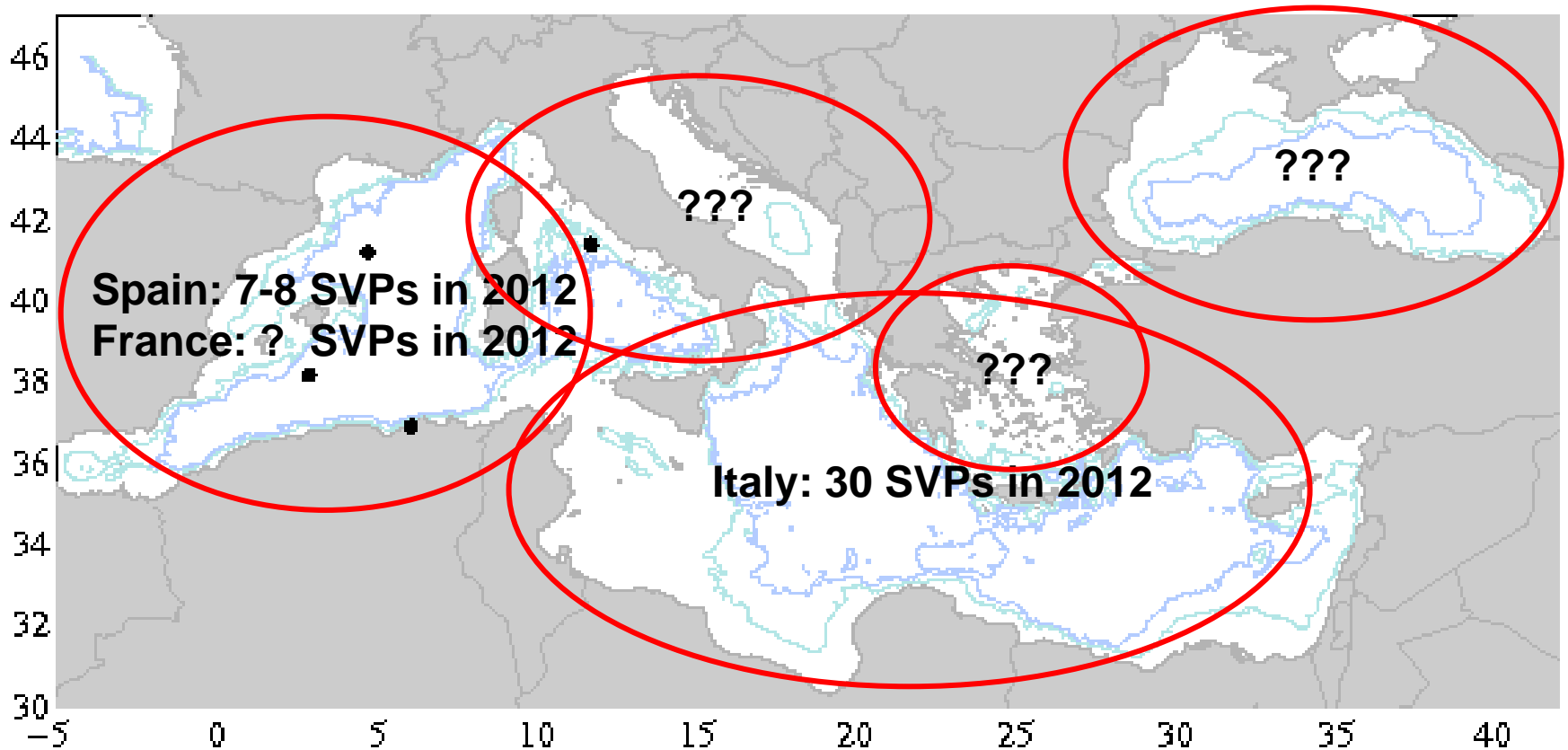
Drifter Type	Number of drifter tracks	Drifter-days	First day	Last day	Max life (days)	Mean half-life (days)
CMOD	233	11420	4-Feb-1989	15-Mar-2003	218	40
CODE	590	41227	2-Feb-1992	28-Dec-2010	362	63
SVP drogued	145	9959	06-Sep-2005	19-Sep-2011	382	62
SVP undrogued	85	5106	26-Sep-2005	21-Mar-2011	291	61
SVP unknown	290	24432	9-Sep-1990	5-Dec-2010	618	100
A106/A111	19	1301	18-Oct-1996	11-Jan-1999	162	49
OTHERS	13	648	2-Jun-1986	30-Nov-1990	294	88
Total	1375	94093				

258 drifter-years in 25 years = 10 drifter-years per year

Mediterranean drifters : Future

Surface drifters in the Mediterranean and Black Seas

DRIFTER LAST POSITION 28-Sep-2011





Thank you for your attention ...

**and thanks to all the volunteers who are
deploying drifters for us!**

