

# Argo-España

*Parte de la estrategia global de observación del océano*



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**Report on Argo float WMO 6901251 deployment**

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**ARGO ESPAÑA - IEO / 17 - 28**

**Deployment for Argo float  
WMO 6901251**

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## Deployment Design

Taking into account the distribution of the Argo floats in the western Mediterranean, a gap was identified, between the coast of Algeria and the Balearic Islands. Thus, Argo Spain and SOCIB worked together to carry out a deployment of an Arvor - I float at the study area and thus, extending the coverage of the Argo network in the southern Mediterranean. The deployment was carried out in *IRENE* survey from the R/V *Catamaran SOCIB* under the supervision of SOCIB team with no issues. There is no CTD cast at the deployment location. Moreover, Coriolis was notified July 17, 2017 and all the information was registered at Argo Information Center database. Technical details are showed next:

Transmission system	IRIDIUM
Transmission ID	463997 n/a
Platform Model	ARVOR 70-10-596 C147542-0022
Platform ID	AI2600-16SP003
Sensors	DRUCK-2900PSIA SBE41CP-V3 SBE41CP-V3
Sensores s/n	5760 5760 5760
Data Centre (Format Version)	IF (3.1)
Project Name	ARGO SPAIN
Float Owner	SOCIB ICTS
PI Name	Pedro Velez
Parking Depth (dbar)	350 (0350 0350 0350 )
Profile depth (dbar)	700 (2000 0700 2000 )
Status	Active
Deployment Date	19-Jul-2017 00:00:00
Deployment Position	Lat 38.62 Lon 2.02

Table 1. Technical information of the float.

The checklist was firstly reviewed on land, full auto - test done, and double checked at the pre-deployment by *Irene Lizarrán*. Parameters MC2, MC3, MC11, MC12, MC13, MC14 and MC15 were modified according to scientific requirements. The deployment was developed according to the nine days surface currents forecast. The estimated deployment position according to the predictions was set southeast Formentera island as is shown in Figure 1 (red color). At that point, taking advantage of the anticyclonic eddy of currents to locate the float in the gap was the main objective and it was successfully accomplished (green color). Deployment operator: *Carlos Castilla*.

6901251/salida-24.png

Jul.15,2017 21:00:00

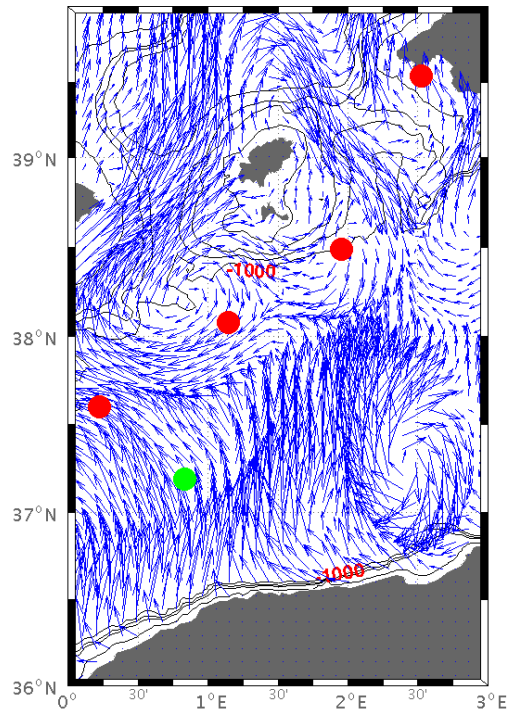


Figure 1: Ocean surface currents forecast for WMO 6901251 from the SOCIB modelling facility.

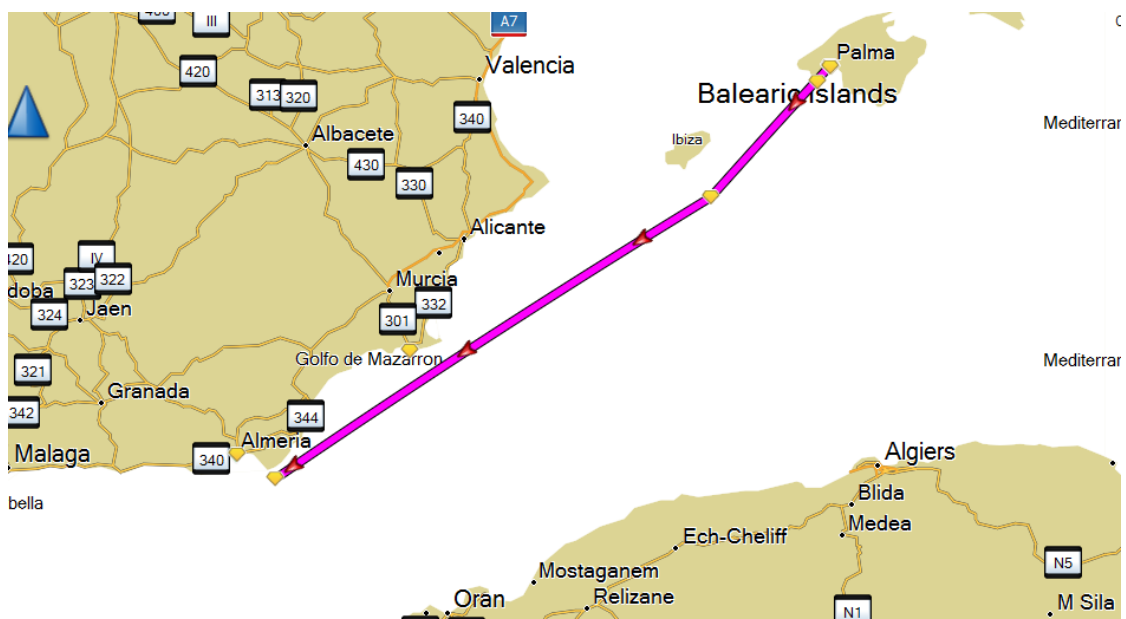


Figure 2: Route for R/V Catamaran SOCIB during IRENE survey.

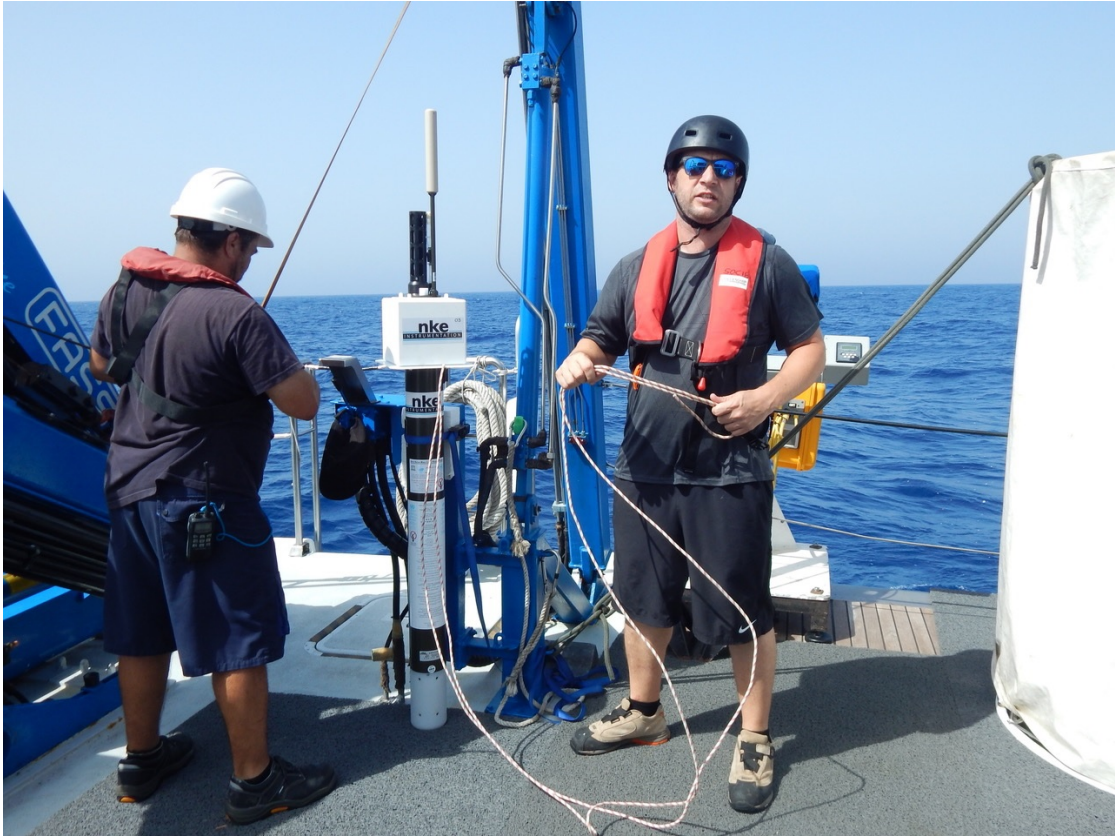


Figure 3: SOCIB staff moments before deployment under safety measures.



Figure 4: Float WMO 6901251 deployed.