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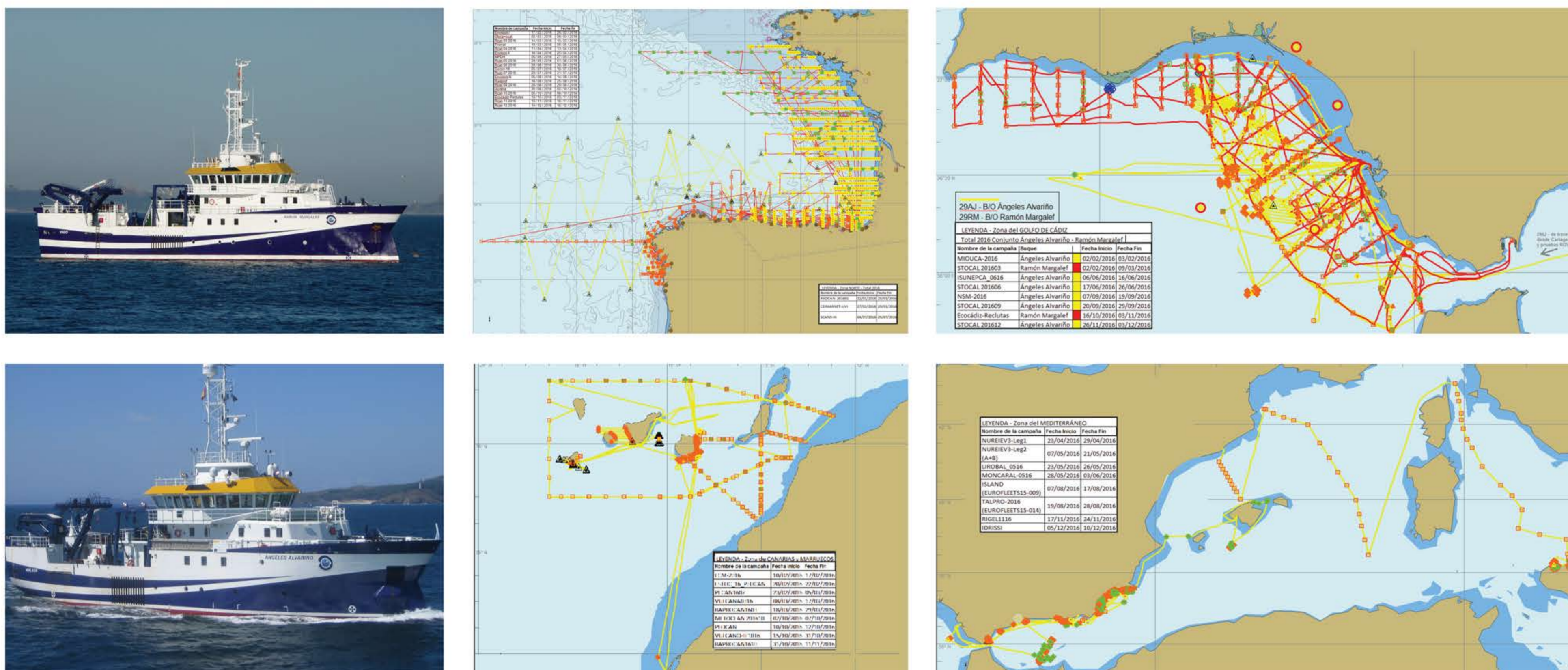
CRUISE ACTIVITIES OF THE INSTITUTO ESPAÑOL DE OCEANOGRAFÍA (IEO)

J.I.Díaz, E.Tel, M.Gómez, L.Arranz



The Spanish Institute of Oceanography (IEO) maintains an oceanographic vessels fleet between 14 – 46.5m length: Ramón Margalef, Ángeles Alvariño and Francisco de P. Navarro. All of them are equipped with the most modern electronic systems of navigation and location, as well as the necessary instrumentation to collect water samples for physical-chemical research, as well as for the studies of marine geology and biology. The activity of these vessels, is coordinated within the framework of the Commission for the Coordination and Monitoring of Oceanographic Vessels (COCSABO), whose Secretariat has been entrusted to the IEO since his creation in 2003. Moreover, the IEO is also responsible of the scientific cruises that the Spanish Fisheries Administration (SGP) vessels (Vizconde de Eza and Miguel Oliver), develops, under the ICES umbrella, for stock assessment in the North Atlantic Ocean and Mediterranean Sea.

R/V R.Margalef and A.Alvariño



Built in 2011 and 2012 these two twins IEO regional research vessels carry out their activity around Iberian Peninsula up to the north of the Bay of Biscay through the south of Canary Island and the Western Mediterranean Sea.

R/V F.Navarro



The research vessel Francisco de Paula Navarro, refurbished in 2013 and based in Palma de Mallorca, performs coastal and regional surveys along the Spanish Mediterranean Sea.

R/V Vizconde de Eza y M.Oliver



The research vessel Vizconde de Eza (2001) managed by Spanish Fisheries Administration, carry out surveys to evaluate fishery resources in the Bay of Biscay as well as in NAFO and Porcupine areas. The research vessel Miguel Oliver (2006) managed by Spanish Fisheries Administration, carry out surveys to evaluate fishery resources all around Iberian Peninsula (map not presented).

Vessel	Length (m)	Number of cruises	Cruise days at sea
R.Margalef	46.5	20	184
A.Alvariño	46.5	25	226
F.Navarro	30.5	15	187
Vizconde de Eza (SGP)	53.0	6	150
M.Oliver(SGP)	70.0	9	208

Cruise Summary Reports are hosted in IEO data base server which is connected to several international platforms (SeaDataNet, POGO, Eurocean, etc.)