

Barcelona University â€™ Geology and Geophysics Research

The geology department of the Barcelona University has handled a collaboration agreement with the fishery department of the Catalanian government to share use of the new fishing control boat Luerna with research activities. The boat is 18 meters length and has been built by Rodman (Vigo) on request of Secretaria General de Pesca. With this project Barcelona University becomes the first Spanish university to have a multibeam and parametric system. The boat has been equipped with Kongsberg equipment and the main purpose is to develop Geological studies of the Catalanian continental shelf. The boat is equipped with: Scientific Equipment with Seapath 200, EM 3002 Dual, EA 600, TOPAS PS18, sound velocity sensors and DGPS receivers. Bridge navigation from Simrad including autopilot AP25, heading sensor HS50, electronic chart system Olex, radar RA54 and communications. Additional systems from Kongsberg Maritime divisions are also included on the boat, demonstrating a high level of integration between navigation and scientific equipment.

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