A multichannel seismic reflection survey to elucidate the structure and evolution of the southern margin of the Bay of Biscay.

General information

- 11 seismic profiles offshore N-S, E-W and NW-SE oriented.
- Multichannel deep seismic reflection profiles.
- Acquired in September 2003.
- Total length of 2000 km.
- File format: SEG-Y

Technical specifications:

- 24 OBS/OBH
- Streamer length: 2400 m
- Group number: 95
- Group interval: 25 m
- Source: air guns
- Record length: 18 s
- Sample rate: 4 ms

Setting

- North Iberian Margin (N offshore of Spain)
- SE part of the Bay of Biscay

Example of data: MARCONI 1

Main references

- Fernández-Viejo et al. (2011). doi:10.1016/j.tecto.2010.06.020
- Fernández-Viejo et al. (2012). DOI: 10.1086/664789
- Ferrer et al. (2008). doi: 10.1016/j.marpetgeo.2008.06.002
- Gallart et al. (2019). Dataset: <http://dx.doi.org/10.20350/digitalCSIC/8972>
- Roca et al. (2011). doi:10.1029/2010TC002735

Funding

- Spanish Ministry of Science and Technology: REN-2001-1734-C03-01
- Consolider-Ingenio 2010 Programme: CDS2006-0041.