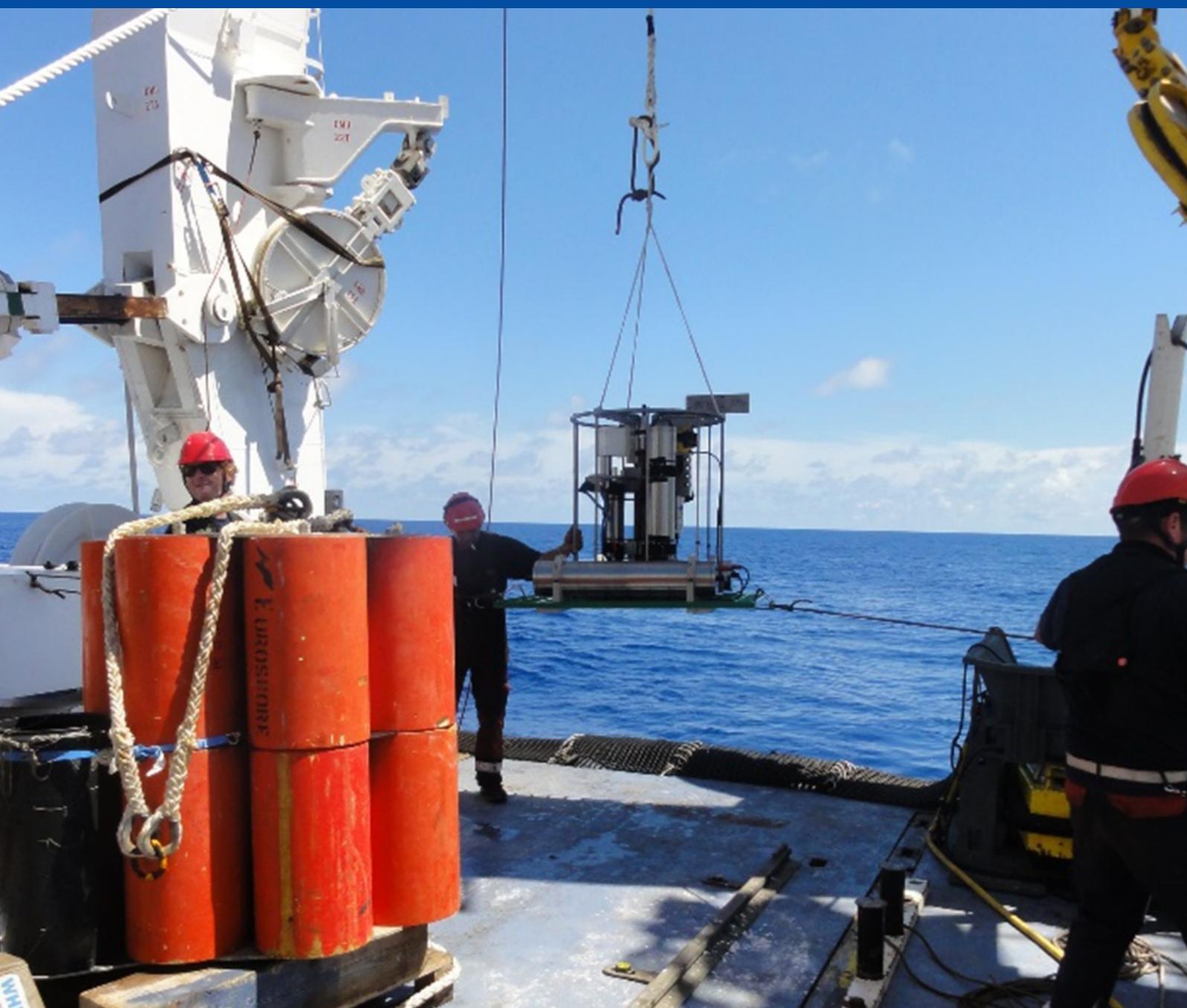


European
multidisciplinary
seafloor and water-column
observatory development



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EMSODEV

After the EGIM prototype deployment on the EMSO Azores observatory during the July 2017 maintenance cruise, its recovery was carried out according to a precise schedule in August 2018.

2018-08-10T15:44:00	N 37° 17,27221'	W 32° 16,46389'	Recovery mooring deployment with deep sea cable (speed 0.4m.s-1)
2018-08-10T17:52:00	N 37° 17,32231'	W 32° 16,60487'	Recovery mooring release
2018-08-10T19:04:00	N 37° 17,35127'	W 32° 16,83174'	Deep sea cable onboard
2018-08-10T21:01:00	N 37° 17,71455'	W 32° 16,53665'	ROV dive 696-1 start
2018-08-10T22:44:00	N 37° 17,40196'	W 32° 16,7702'	ROV on the seafloor
2018-08-11T01:51:00	N 37° 17,32957'	W 32° 16,19405'	Recovery mooring hung on the EGIM
2018-08-11T08:01:00	N 37° 17,48227'	W 32° 16,53949'	ROV at surface
2018-08-11T08:46:43	N 37° 17,51513'	W 32° 16,14866'	ROV dive 696-1 end
2018-08-11T09:10:11	N 37° 17,32954'	W 32° 16,46881'	EGIM recovery mooring lest release
2018-08-11T12:42:18	N 37° 17,47857'	W 32° 17,88512'	EGIM onboard

Mechanical aspects were observed, complete sets of data were analyzed (on the expected temporal extent) regarding the oxygen optode, precise pressure sensor, hydrophone, COSTOF2, technical data, conductivity, temperature and pressure probe, turbidity sensor, ADCP. Also additional test concerning RDI workhorse ADCP were performed.



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European Multidisciplinary Seafloor and water-column Observatory DEVELOPMENT (EMSODEV)

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