

Name of the institute / department / laboratory	University Lille 1 / Earth Sciences department / Geosystemes laboratory In the near future (2015) this laboratory will be joined with the LOG (Laboratoire d'Océanologie et de Géosciences)
Address	University Lille 1 Building SN5 – Earth Sciences F-59655 Villeneuve d'Ascq Cedex France
Website	http://geosystemes.univ-lille1.fr/geosystemes/ From 2015: http://log.univ-littoral.fr/

Available marine geophysical equipment	No	Yes	Type	Used for archaeological purposes
Side-scan sonar	x			
Multibeam	x			
Subbottom profiler	x			
Lidar	x			
Electric or electromagnetic	x			
Gradiometric	x			
Coring devices		x	Vibrocorer mainly used in coastal supra- or inter-tidal areas. Length: up to 7 m. Also used underwater in harbours. In that case, the length is highly reduced (1-2 m)	Already used along the coasts or rivers formerly occupied by estuaries in the case of ancient cities research or wreck environment reconstitution.
Other (specify)				

Available observational equipment	No	Yes	Type	Used for archaeological purposes
HOV (manned submersible)	x			
ROV		Small x	ROV bought by Univ. Lille, but is located in Univ. Caen. May be available in certain conditions.	
AUV	x			
Camera (remotely operated)	x			
Video (remotely operated)	x			
Scientific diving		x	Some scientific divers are present in the LOG laboratory and will be attached by 2015.	Possible
Other (specify)				

Available lab/analysis technology	No	Yes	Type	Used for archaeological purposes
Multi logger	x			
Core (color) scanner		x	Minolta, hand-used instrument.	x
C14	x			
OSL	x			
Pollen	x			
Diatoms	x			
Forams		x	Mostly benthic, but also planctonic. Extraction, SEM, ...	Used with success in formerly estuarine deposits.

Dendrochronology	x		
Other (specify)			

Teaching and/or training possibilities at the institute	No	Yes	Level (Bsc/Msc/...)	Specifications
Archaeology	x			
Marine geology/geophysics		x	All levels up to Msc	Some specialisation in gravity-driven tectonism, sedimentology and organic matter sedimentology.
Quaternary science		x		Spread in different lessons, but not as a specific course.
Maritime archaeology	x			
Other (specify)				

Available ships	Type	Size (m)	Specifications
Sepia	Coastal (fishing type) vessel.	12.59	http://www.dt.insu.cnrs.fr/flottille/sepia.php Possibility to shoot some seismic, but no room for a container. Will be replaced by 2016 (or later).
Other INSU vessels on request			http://www.dt.insu.cnrs.fr/flottille/flottille.php