C-CORE 2.3 Shipwrecks and other archaeological value areas

Shipwrecks and other archaeological value areas

Challenge

Challenge ID	C-CORE_OFF2.3
Title	Shipwrecks and other archaeological value areas
Challenge originator:	
General Description	
What data/products do you use?	Historic database showing location of shipwrecks and map of documented archeological sites where available, ROV survey data, multibeam data, sediment grabs
When do you use this kind of dataset?	Geophysical mapping of the upper sub-surface and detection of man-made features on the seafloor Impact assessments, seismic surveys
What are your actual limitations and do you have a work around?	Use the aforementioned databases but they are limited to knowledge from areas that have previously been surveyed for other purposes
Needs and expectations on EO data	Not sure, EO capabilities can address this as it requires penetration to ocean floor
Challenge classification	
Pre license	4
Exp.	4
Dev.	
Prod.	
Decom.	
Geographic context/ restrictions	Western Ireland, Eastern Mediterranean
Topographic classification / Offshore classification	Ocean
Activity impacted /concerned	Strategic decision enabler
Technology Urgency	Mid-Term (5-10 years) Long Term (10+ years)(Eastern Mediterranean)
Information requirements	
Update frequency	One-off
Temporal resolution	None
Spatial resolution	10-100m
Data quality	High
Data Coverage and extent	District area

Example format	High resolution image
Timeliness	Reference data - timeliness not important
Existing standards	Enterprise Energy Ireland Ltd and ERT Scotland. 2008. Third strategic environmental assessment for oil and gas activity in Ireland's offshore Atlantic waters: IOSEA3 Rockall Basin. Prepared for Department of Communications, Energy and Natural Resources Galil B. and Herut B. 2011. *Marine environmental issues of deep-sea exploration and exploitation activities (oil and gas) off the coast of Israel.* IO LR Report H15/2013

Relevant products

Content by label

There is no content with the specified labels