C-CORE 2.16 Fish and fish habitat

Fish and fish habitat

Challenge

Challenge ID	C-CORE_OFF2.16
Title	**Fish and fish habitat**
Challenge originator:	
General Description	
What data/products do you use?	Sidescan and multibeam survey data for habitat, stock-assessment and fishing effort data for fish distribution and abundance
When do you use this kind of dataset?	During impact assessment, environmental monitoring, spill response and damage assessment
What are your actual limitations and do you have a work around?	Data is highly seasonal and expensive to collect through dedicated surveys
Needs and expectations on EO data	High resolution imagery capable of detecting fish habitat features
Challenge classification	
Pre license	3
Exp.	3
Dev.	3
Prod.	3
Decom.	3
Geographic context/ restrictions	Everywhere
Topographic classification / Offshore classification	Ocean
Activity impacted /concerned	Strategic decision enabler
Technology Urgency	Short term (2-5 years)
Information requirements	
Update frequency	One-off for initial assessment, seasonal for monitoring, but near real time in case of a spill
Temporal resolution	One-off for initial assessment, seasonal for monitoring, but near real time in case of a spill
Spatial resolution	1-10m
Data quality	high
Data Coverage and extent	District area, vessel route and onshore site
Example format	High resolution image
Timeliness	Reference data - timeliness not important

Existing standards	

Relevant products

Content by label

There is no content with the specified labels