

# C-CORE 2.17 Commercial shipping

## Commercial shipping

### Challenge

<b>Challenge ID</b>	C-CORE_OFF2.17
<b>Title</b>	<a href="#">Commercial shipping</a>
<b>Challenge originator:</b>	
<b>General Description</b>	
<b>What data/products do you use?</b>	Aerial surveillance, satellite imagery, AIS, logbook port-inspections
<b>When do you use this kind of dataset?</b>	During initial assessment to determine placement of offshore installation in context of commercial shipping lanes (not including shipping activity related to offshore oil operations)
<b>What are your actual limitations and do you have a work around?</b>	AIS is not available everywhere, other shipping data is hard to get or confidential
<b>Needs and expectations on EO data</b>	High resolution imagery capable of detecting and tracking ship traffic
<b>Challenge classification</b>	
<b>Pre license</b>	2
<b>Exp.</b>	
<b>Dev.</b>	
<b>Prod.</b>	
<b>Decom.</b>	
<b>Geographic context/ restrictions</b>	Everywhere
<b>Topographic classification / Offshore classification</b>	Ocean
<b>Activity impacted /concerned</b>	Data accessibility and logistic feasibility
<b>Technology Urgency</b>	Mid-Term (5-10 years)
<b>Information requirements</b>	
<b>Update frequency</b>	Daily-weekly
<b>Temporal resolution</b>	Daily-weekly
<b>Spatial resolution</b>	10-100m
<b>Data quality</b>	High
<b>Data Coverage and extent</b>	Regional
<b>Example format</b>	High resolution image
<b>Timeliness</b>	Reference data - timeliness not important

Existing standards	
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## Relevant products

**Content by label**

There is no content with the specified labels