

## CLS-3.5: Monitoring of the Water Quality / turbidity during operations

### Monitoring of the Water Quality / turbidity during operations

#### Challenge

#### CLS\_OFF.3.5 : Monitoring of the Water Quality / turbidity during operations

1	Challenge ID	Monitoring of the Water Quality / turbidity during operations				
2	Title	CLS_OFF.3.5				
3	Originator of Challenge	SAIPEM				
	General description					
4	What data/products do you currently use ?	Model and satellite data.				
5	When do you use this kind of dataset?	These data are used during operations to monitor water quality (mainly turbidity)				
6	What are your actual limitations and do you have a work around?	n/a				
7	Needs and expectations on EO data	n/a				
	<b>Challenge classification</b>					
8	Lifecycle stage	Pre license	Exp.	Dev.	Prod.	Decom.
	Score from impact			4		
9	Geographic context /restrictions	All over the world				
10	Topographic classification / Offshore classification	Coastal areas				
11	Activity impacted /concerned	H&S benefit; Due diligence tool; Operational cost reduction				
12	Urgency (How quickly does the user need the solution)	3 – immediate (0-2 yrs)				
	<b>Information requirements</b>					
13	Update frequency	twice-day				
14	Temporal resolution	3h				
15	Spatial resolution	5m for turbidity				
16	Data quality	Geo-stationary referred to a specific location				
17	Data Coverage and extent	Geo-stationary				

18	Example formats	Text, excel, GEOTIFF, GIS...
19	Timeliness	2-3 days
20	Existing standards	Yes, quality systems in place internally

## Relevant products

**Content by label**

**There is no content with the specified labels**