CLS-2.3: Seismic survey: sound propagation properties

Seismic survey: sound propagation properties

Challenge

CLS_OFF.2.3 : Seismic survey: sound propagation properties

1	Challenge ID	CLS_OFF.2.3				
2	Title	Seismic survey: sound propagation properties				
3	Originator of Challenge	CGG				
	General description					
4	What data/products do you currently use ?	SST and ideally profile				
5	When do you use this kind of dataset?	During survey (when exploration ROVs, seismic, impact study)				
6	What are your actual limitations and do you have a work around?	n/a				
7	Needs and expectations on EO data	Have an access to these satelite data : SST, Color, SSS, altimetry				
	Challenge classification					
8	Lifecycle stage	*Pre license*	*Exp.*	*Dev.*	*Prod.*	*Decom.*
	Score from impact		4			
9	Geographic context /restrictions	Offshore operations / worldwide				
10	Topographic classification / Offshore classification	All offshore area except Inland sea / lake				
11	Activity impacted /concerned	operation efficiency				
12	Urgency (How quickly does the user need the solution)	immediate (0-2 yrs)				
	Information requirements					
13	Update frequency	Daily				
14	Temporal resolution	Hourly				
15	Spatial resolution	1-10km / depth up to 100-200m				
16	Data quality	Good				
17	Data Coverage and extent	Over survey area, typically 100km x 100km				

18	Example formats	GIS format, netCDF…
19	Timeliness	RT application or as fast as possible
20	Existing standards	n/a

Relevant products

Content by label

There is no content with the specified labels