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**2103 ECB-SEA\_ALSUB BRASIL**

**(PETROBRAS – CONSÓRCIO  
ECB-SEA\_ALSUB )**

**SURVEY FOR DECOMMISSIONING  
OF FLEXIBLE LINES FROM THE  
SEABED IN THE ALSUB AREA  
("ALMOXARIFADOS SUBMARINOS")**

**BACIA DE CAMPOS-CABIUNAS -  
MACAE'-RJ (BRAZIL)**



## 2 Scope of work

The Management of the ECB-SEA\_ALSUB Consorcio (of which SEA is part) visited Biopetro, a Company that deals with the disposal of hoses that are recovered from on board in the AlSub Decommissioning project.

SEA is implementing the recovery, treatment and disposal operations of scheduled lines at the B-Port base of the Alsub project at Port of Açú:

- from the CORVINA area
- from the GAROUPINHA area
- from PARGO A/B area

ALMOXARIFADO SUBMARINO	TIPOLOGIA DE ESTRUTURAS ARMAZENADAS	ÁREA (KM <sup>2</sup> )*	DISTÂNCIA PARA A COSTA (KM)*
Corvina	Linhas Flexíveis	134	65
Pargo A e B	Linhas Flexíveis	69	65
Garoupinha	Linhas Flexíveis	55	50

Table 1: Flexible lines Areas

ALMOXARIFADO SUBMARINO	QUANTIDADE DE TRAMOS	COMPRIMENTO ESTIMADO (m)	PESO ESTIMADO (t)
Corvina	483	376.014,92	18.428,27
Pargo A e B	76	93.913,54	5.930,24
Garoupinha	558	513.873,87	31.298,36
<b>TOTAL</b>	<b>1117</b>	<b>983.820,33</b>	<b>55.656,87</b>

Table 2: Flexible lines quantities

The Company CONSÓRCIO ECB-SEA\_ALSUB contracted SEA BRASIL Serviços SUBMARINOS (SEA Brasil) for the charter of the vessel as support to survey services. The vessel is equipped with underwater unearthing equipment, which will be used for recovery, processing and final disposal of flexible lines and anchoring systems in the "Submarine Warehouses" areas of the Campos Basin, in the State of Rio de Janeiro (RJ) / Brazil.

**PROJECT STILL IN PROGRESS !!**

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### 3 Photos at worksite



Reel Drive System  
(RDS) at B-Port base  
in Açu Port



Recovered cables,  
pipes and hoses





Storage of recovered  
cables, pipes and hoses



Cleaning station



Treatment Effluent  
Station