

SUBSEA CABLE REPAIRS

TSO's resources mutualisation

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WETS'15 Workshop

Organization: Jicable and Prospective 2100

Palais des Congrès de Versailles, France

Thursday, 25 June 2015



Rte

Réseau de transport d'électricité

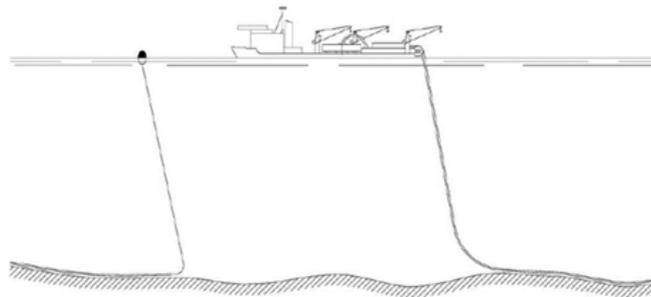


CRUCIAL FUNCTIONS

- Interconnection
- Renewable energy production export

SPECIFIC REPAIR MEANS

- Important marine means with consequent mobilisation lead time (vessels busy by long installation campaigns : up to a few months)
- Significant delay of repair operations



ONE SHOT CONTRACT (when fault happens)

Pros: no costs if no faults

Cons: time consuming tendering, poor position to negotiate with the contractors
vessels availability depending on market conditions

FRAMEWORK MAINTENANCE CONTRACT AGREEMENT

Pros: simple contract activation when needed

Cons : difficult to obtain a time response guarantee, unless dedicated vessel
important costs if few subsea links to deal with

Better conditions for maintenance framework agreement could be obtained if it covers long length and big number of submarine cables.

Hence, it becomes interesting for TSOs to find shared solutions

→ Pooling of vessels resources

Dedicated vessel for maintenance through a consortium agreement between TSOs and ship owners

→ Reduce costs and time response

→ Mitigation of risks

ACMA

Cooperative subsea maintenance agreement for companies responsible for the operation and maintenance of undersea communication and power cables

- 3 ships dedicated
- Proportional contribution function of asset length
- Response delay of 24 hours for a ship and shift mobilisation

AN OPPORTUNITY FOR TSOs OPERATING SUBSEA LINKS

Thank you for your attention !

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