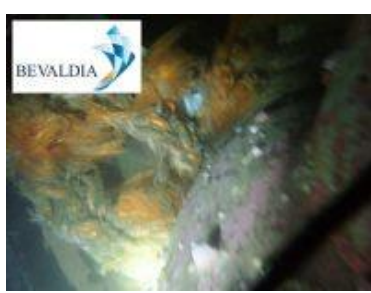


## UNDERWATER REMOVAL OF ENTANGLEMENTS FROM PROPELLER & THRUSTER

Removal of foreign bodies such as mooring ropes, fishing nets or lines are usually entangled in the propeller (tail-end-shaft) or the bow thruster which are removed by cutting. The entanglement of ropes in the tail-end-shaft is a common problem in the cases during ship-to-ship operations in bad weather condition. This problem, if not treated quickly may be fatal to the tail-end-shaft as the ropes can melt and go inside it.



**GREECE**  
Piraeus, Chios  
Thessaloniki  
Kavala  
Alexandrou-  
poli  
Neapoli- Vatika,  
Kali Limenes  
Corfu Kalamata  
Patra, Laurio Ag.  
Theodori Elefsina  
Chalkida Rhodes  
Drepano Korinthos

**TOGO**  
Lome

**TURKEY**  
Istanbul  
Canakkale  
Iskenderun

**CYPRUS**  
Limassol  
Larnaca

**ALBANIA**  
Detar  
Sarande

**BENIN**  
Cotonou

**CHINA**  
Rizhao  
Shanghai  
Hong Kong  
Qingdao  
Lianyungang

**CONGO**  
Pointe Noire

**DJIBOUTI**  
Djibouti

**EGYPT**  
El Dekheila  
Suez

**SINGAPORE**  
**Aepa**

**FRANCE**  
Marseille

**GHANA**  
Tema

**GUINEA**  
Conakry  
Kamsar

**INDONESIA**  
Balikpapan

**IV. COAST**  
Abidjan

**KOREA**  
Yeosu

**MEXICO**  
Lazaro  
Cardenas  
Manzanillo  
Punta  
Manzanillo  
Tuxpan

**PANAMA**  
Balboa

**SPAIN**  
Palma de  
Mallorca

**SENEGAL**  
Dakar

**TUNISIA**  
Tunis Sfax