

Appendix to Annex IV – Technical Specifications for the Vessel/Pool of Vessels

Lot 1 – Southern Black Sea

Enclosed to Procurement Procedure No. EMSA/CPNEG/17/2016 concerning Service Contracts for stand-by oil spill recovery vessels

Competitive procedure with negotiations

Phase II - Invitation to Tender

Hot water system (boiler)

Year of purchase: 2012

Manufacturer: Lesimach 98 AD

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Hot water boiler, installed in 20" container - assembly, including:

1.1. Horizontal type hot water boiler with insulation and lagging installed on legs in bilge water pan:

- Thermal output 1000 kW.
- Working pressure 3.0 bar.
- Inlet water temperature - 70°C
- Max outlet water temperature - 95°C

1.2. DO Burner complete, manufacturer "Lamborgini", Italy; type PG-110/2 heating power 415 - 1362 kW

1.3. Hot water circulating pump - capacity 30 m³/h; max working pressure 6 bar - 2 pcs. - one in operation + one stand by.

1.4. Hot water expansion vessel - capacity 1000 l; max working pressure 6 bar

1.5. Daily DO tank with volume 1,0 m³ (2.0 m³)

1.6. DO feeding pump - capacity 5,0 m³/h

1.7. Bilge water drain pump - capacity - 1,0 m³/h

1.8. Valves, fittings, manometers, thermometers, spares.

1.9. Electrical switch board incl. process control box.

1.10. Housing -20" container (6058 x 2438 x 2591 mm):

- DO inlet flange
- Hot water inlet and outlet flanges
- Bilge water outlet flange



Figure 1 Containerised boiler