

Appendix 1 to Annex IV – Technical Specifications for the Vessel/Pool of Vessels

Lot 2 (Atlantic middle)

EMSA/CPNEG/3/2022 - Service Contracts for stand-by oil spill recovery vessels

1. Heat Exchanger x 2

Manufacturer:

Tranter International AB (France)
39, rue des peupliers, Batiment K
Nanterre France
FR - 92000
Tel: +33 147 517 572
Fax: + 33 134 296 019
E-mail: info@se.tranter.com
Website: <http://www.tranter.com>
Purchase year: 2006

Model: GC-26L x 16

Specifications

Fluid side 1: Water

Fluid side 2: Salt – Water (4,0%)

Specifications	Side 1	Side 2
Temperature entrance °C	95,0	8,0
Temperature exit °C	70,1	21,7
Debit m ³ /h	50,00	90,00

Power (kW): 1400

Exchange surface (m²) : 3,64

Gap logarithmique (°C): 67,5

Transfer coefficient (W/m², °C): 5694

Number of plates: 16



Fig 1 . Heat Exchanger

2. Spare Parts for Heat Exchanger

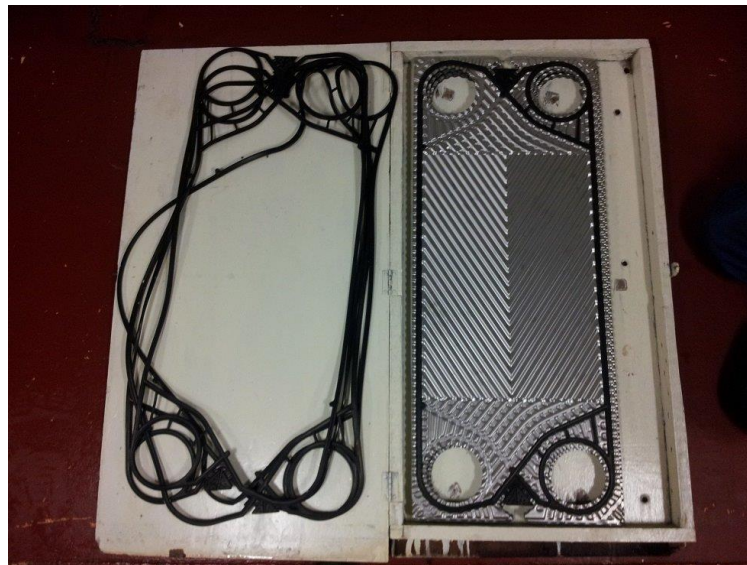


Fig 2 - Heat Exchanger spare parts

3. Hot Water Boiler

Manufacturer:

Heatmaster B.V.

Postbus 252

3340 AG Hendrik Ido Ambacht

Holland

Tel: +31 78 68 23404

Fax: +31 78 68 23403

E-mail: info@heatmaster.nl

Website: <http://www.heatmaster.nl/en/>

Purchase year:2009

Manual:available

Description

The boiler consists of burner, one expansion tank and two circulating pumps.

Hot Water Heater

Type:	Viesmann HVM 900
Capacity:	750 KW
Design temperature:	120° C
Design pressure:	4 bar
Flow rate:	35 m³/h

Burner

Make:	Weshaupt
Type:	L5Z A D-C
Currency:	3 x 380 V 50 Hz

Circulating pumps

Make:	KSB
Capacity:	35 m³/h

Expansion tank

Make:	Heatmaster
Type:	GM400
Capacity:	400 l



Fig 3 - Boiler



Fig 4 - Boiler pump