

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

**Lot 1 (Channel and North Sea)**

**EMSACPNEG/3/2022 - Service Contracts for stand-by oil spill recovery vessels**

**Heating system - Boiler Clayton Steam Generator IB-3 E0-80-1M SKID**

**Boiler Clayton Steam Generators**

**Manufacturer:**

CLAYTON OF BELGIUM NV

EUROPE, AFRICA & MIDDLE EAST HEADQUARTERS

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Year of purchase: 2009

**Specifications:**

Net output	Max. load	kW	785
	Firing steps	%	50/100
Equivalent max. output saturated steam		kg/h	1253
Nominal operating steam pressures available up to		bar	27
Standard installed electr. motor power	Water pump	kW	3
230/400/415/440 VAC -50/60 Hz	Blower	kW	5.5
Combustion efficiency	Fuel type		Light oil
	@ 100% step	%	93
	@ 50% step	%	95
Consumption @ full load	LCV =42700 kj/kg	kg/h	71.1

Water content	Filled	l	192
	In operation	l	47
Gas pressure required @ inlet		mbar	25
Overall generator dimensions	Length	mm	1755
	Width	mm	1260
	Height	mm	2405
	Weight (empty)	kg	1725
Overall pump skid dimensions	Length	mm	1350
	Width	mm	680
	Height	mm	1025
	Weight	kg	325
Generator stack connection (outer diameter)		mm	457



Fig. 1 - Clayton Steam Generator IB-3 E0-80-1M SKID in the container