2. PARTICULARS

Type			HYUNDAI-MAN B&W, two-stroke, single acting, direct reversible, crosshead type diesel engine with constant pressure turbocharging
Model			HYUNDAI-MAN B&W 10K98MC-C
Number of cylinder			10
Cylinder bore		mm	980
Stroke		mm	2,400
Maximum Continuous Rating (L1)	Output	bhp	77,600
		kW	57,100
	Revolution	rpm	104
	MEP	bar	18.2 (18.6 kg/cm²)
	Pmax	bar	140
	Mean piston speed	m/s	8.3
Continuous Service Rating (CSR)	Output	bhp	69,840
		kW	51,353
	Revolution	rpm	100.4
	MEP	bar	17 (17.3 kg/cm²)
Engine net weight *1) *2)		ton	1,797
Direction of rotation (Ahead)			Clockwise (looking from aft)
Cooling medium	Cylinder jacket		Fresh water
	Piston		Lubricating oil
	Scav. air cooler		Fresh water
Starting system			Compressed air (max. pressure 30 bar)

Remarks)

*1) Engine net weight is dry basis including flywheel, turbocharger(s), thrust bearing, turning gear and aux. blower with motor, but excluding water and oil in the engine, spare parts and tools.

*2) The mass can vary up to 10% depending on the design and options chosen.

3) Dimensions and piston overhaul height are shown separately in the drawings.

4) The above output is valid at sea level and up to tropical conditions;
- Fresh water inlet temperature : 36 ℃
- Blower inlet pressure : 1,000 mbar (750 mmHg)
- Blower inlet temperature : 45 ℃

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CHIEF ENGINEER