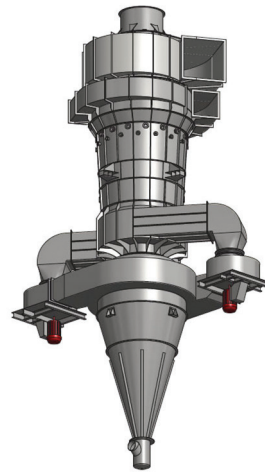


# VERY LARGE GAS CARRIER

HYUNDAI HEAVY INDUSTRIES



## GENERAL DESCRIPTION

<b>Name</b>	Dorian Corvette
<b>Type</b>	ECO VLGC
<b>Owner</b>	Dorian LPG Ltd
<b>Operator</b>	Dorian Hellas
<b>Class</b>	ABS
<b>Yard</b>	Hyundai Heavy Industries Co. Ltd.
<b>Delivery date</b>	2nd January 2015
<b>Imo. No.</b>	9703837
<b>Flag</b>	Marshall Island
<b>Deadweight</b>	51 620 dwt
<b>Gas capacity</b>	84 000 m <sup>3</sup>

## DIMENSIONS & WEIGHT OF THE EGC UNIT HANDLING 140.000 KG EXHAUST/HOUR

<b>Height (H)</b>	17 m
<b>Width (W)</b>	8,9 m
<b>Depth (D)</b>	5 m
<b>Weight</b>	33,2 mt
<b>Water flow</b>	560 m <sup>3</sup> /h
<b>El. power req.</b>	Max. 280 kW (1,5-2% of load)

## SCRUBBER DETAILS

HYBRID (OPEN & CLOSED LOOP)

ONE SINGLE ALLSTREAM EGC UNIT

## SERVING THE FOLLOWING EXHAUST PRODUCING MACHINERIES

1 x ME, MAN-B&W 6G60ME-C9.2, 12400 kW at 100% MCR

3 x AE, HYUNDAI-HIMSEN 8H21/32, 1600 kW at 100% MCR

1 x Oil-fired boiler

## MAJOR SCOPE

EGC unit complete with 2 fans and 5 exhaust gas connections, pumps with variable frequency drive, filters, cooler, NaOH dosage system, gas (SO<sub>2</sub>/CO<sub>2</sub>) and water (PAH, turbidity, pH, flow) analyzers, temperature and pressure monitoring, valves, flow meters, exhaust dampers (bypass), switchboard, PLC, Documentation and Certification, Services during planning, installation and commissioning.

