

# CAPITAL GAS



## ARISTOS I ARISTIDIS I ATTALOS ARISTARCHOS ADAMASTOS ASKLIPIOS

**BUILT:** 2020-2021

**BUILDER:** Hyundai Heavy Industries, S.Korea

**CLASS:** BV/LRS

**FLAG:** MALTA



**TYPE OF VESSEL:** LNG CARRIER

**CONTAINMENT SYSTEM:** GTT MKIII FLEX

### MAIN DIMENSIONS

Length overall	abt 299 m
Length between perp.	291 m
Breadth	46,4 m
Depth	26,5 m
Draught Design (Td)	11,5 m
Draught Scantling (Ts)	12,5 m

### DEADWEIGHT

Deadweight at Td	abt 81,451 MT
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### TANK CAPACITIES

H.F.O./U.L.S.F.O.	abt 5,000 m <sup>3</sup>
M.G.O./L.S.M.G.O.	abt 500 m <sup>3</sup>
Fresh water	abt 400 m <sup>3</sup>
Ballast water	abt 64,500 m <sup>3</sup>
Urea abt.	abt 70 m <sup>3</sup>

### COMPLEMENT

38 p

### CARGO CAPACITIES (100% full)

Cargo tanks (excl. domes)	174,000 m <sup>3</sup>
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### BOR

ACTIVE BOR	0.085%/day
	0.040%/day

### MAIN ENGINE

TYPE	Two, HYUNDAI - WINGD 5X72DF
Turning method	Standard
NOx Tier III solution	Diesel mode with HP SCR and gas mode
Nominal rating	2 x 16,125 kW
MCR	2 x 12,112 kW

### SERVICE SPEED

Service speed at Td / NCR	19.5 kts
Sea margin	20%

### ENERGY SAVING DEVICE

Hi-Fin, Hi-Rudder

### F.O. CONSUMPTION OF M/E @ A/E

F.O.C. at NCR (incl. G/Service)	abt 92.00 t/d
G.C. at NCR (incl. G/Service)	abt 77.1 t/d

### CRUISING RANGE

abt 24,100 NM

### MANIFOLD SERVICE CRANE

10 tons S.W.L. x 2 sets

### PUMPS

CARGO PUMP	1,850 m <sup>3</sup> /hr x 165mlc x 8 sets
SPRAY PUMP	50 m <sup>3</sup> /hr x 145 mlc x 4 sets
BALLAST PUMP	3,000 m <sup>3</sup> /hr x 35mTH x 3 sets

### POWER SUPPLY

Diesel Generator	3,680 kW x 2 sets
	2,760 kW x 2 sets
Emergency Generator	750 kW x 1 set

### NAVIGATION EQUIPMENT

2 - ECDIS with route planning function	
1 - Conning Display	1 - Speed Log
2 - Radar (ARPA)	2 - Gyro Compass
1 - Auto Pilot	2 - DGPS Navigator

ALL DETAILS APPROX.

