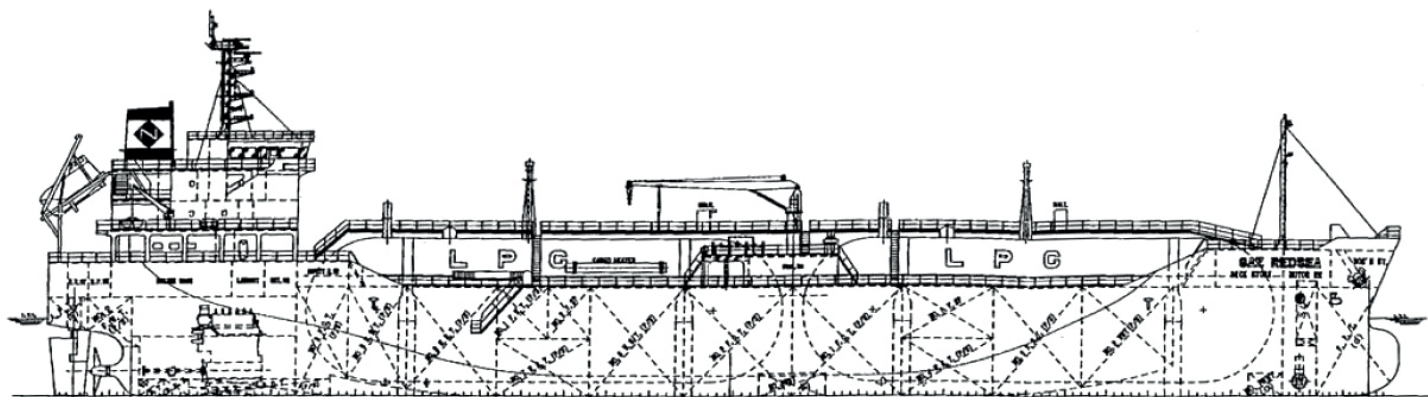


# GAZ REDSEA

GENERAL CHARACTERISTICS



## GENERAL CHARACTERISTICS

|                    |                                                            |
|--------------------|------------------------------------------------------------|
| Owners:            | SYNERGY SHIPING AND TRADING CO., S.A.                      |
| Built:             | SASAKI SHIPBUILDING CO., LTD.                              |
| Flag:              | PANAMA                                                     |
| Class:             | BUREAU VERITAS                                             |
| Call Sign:         | HOBV                                                       |
| GRT/NRT:           | 6,694 / 2,345                                              |
| International:     | GRT 6,694 / NRT 2,345                                      |
| Suez:              | Net 6,276.51 / Gross 7,165.33                              |
| Panama:            | 5,680                                                      |
| IMO:               | 9264192                                                    |
| USCG:              | N/A                                                        |
| RINA:              | N/A                                                        |
| MOT:               | N/A                                                        |
| LOA:               | 119,97 m                                                   |
| LBP:               | 115,25 m                                                   |
| Breadth Moulded:   | 19.00 m                                                    |
| Depth Moulded:     | 9.50 m                                                     |
| DWT, Summer:       | 7,930.20                                                   |
| Draft, Summer:     | 6,815 m                                                    |
| Draft, Propane:    | 5.90 m                                                     |
| Draft, Butane:     | 6.31 m                                                     |
| Air Draft          | 27.89 m (with normal ballast)                              |
| Main Engine:       | HANSHIN DIESEL, Kawasaki MAN B&W 6S35MC (MK7)              |
| Maximum Power:     | 4,44. kw x 173 rpm                                         |
| Fuel Grade:        | redwood #1 3,500 sec (IFO -380)                            |
| Consumption/day:   | FO 19.0 (M/E) +1.4 (G/E) / day at sea                      |
| Speed (Average):   | 14.5 knots                                                 |
| Auxiliaries:       | Yanmar Diesel, 6N18AL-HV x2 set                            |
| Power:             | 445 kw                                                     |
| Total Available:   | 890 kw                                                     |
| Grade/Consumption: | IFO 380 cSt / mtons at sea : FO 19. (M/E) +1.4 (G/E) / day |
| Bunker Capacity:   | IFO: 380,83 m³, DIESEL: 79.45 m³ (98%)                     |

Particulars herein believed to be correct but not guaranteed

Date: 05/12/2016

## CARGO PLANT AND HANDLING EQUIPMENT

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| MARVS:                | 17.65 bar                                                              |
| Min.Temperature:      | -10°C                                                                  |
| Max.Specific Gravity: | 965 kg/m³                                                              |
| Max.Vacuum:           | -25 bar                                                                |
| Cargo Pumps:          | Deep well pump, 450/290 m³/hr                                          |
| Cargo Compressors:    | Vertical one-stage water cooled double acting,<br>2 set, 490 m³/hr/set |
| Cargo Heater:         | Shell & Tube Type, 1 set, 550 m³/hr for -48°C to 0°C<br>of propane     |
| Booster Pumps:        | Horizontal Centrifugal, 1 set, 450/250 m³/hr                           |
| Deck Tanks:           | N/A                                                                    |
| Inert Gas Plant:      | Nitrogen Generator onboard, 400 m³/hr                                  |
| Cargo Vaporizer:      | N/A                                                                    |
| Bow Thruster:         | Hanshin Diesel, KT-55B1, 6.1T x 390 kw                                 |
| Cargo Manifolds:      | Liquid: ANSI #300 10"<br>Vapour: ANSI #300 6"                          |

## INDICATIVE CAPACITIES OF CARGO TANKS

|          |          |      | BUTANE     | PROPANE    | VCM        | BUTADIENE  |
|----------|----------|------|------------|------------|------------|------------|
| TANK No. | CBM 100% | S.G. | 0.605      | 0.582      | 0.682      | 0.653      |
|          |          | T°C  | 45.0       | 45.0       | 45.0       | 45.0       |
| 1        | 4,613.81 |      | 2,478      | 2,075      | 3,942      | 2,659      |
| 2        | 4,610.39 |      | 2,478      | 2,074      | 3,940      | 2,657      |
| TOTAL    | 9,214.20 |      | 4,956 mtns | 4,149 mtns | 7,882 mtns | 5,316 mtns |

GAZ REDSEA / NAFTOMAR