



SHIP PARTICULARS

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|----------------------------------|--|--------------------------------|--|
| Name Of Vessel | GALUNGGUNG | Call Sign | PNZX |
| Flag / Port | INDONESIA / JAKARTA | MMSI | 525008067 |
| Official Registration No. | D - 1992 - 2460 - PEXT | Radio Telex (NBDP) no. | 357298000 GALU X |
| IMO - Class Number | 9 4 5 5 7 9 1 | Inmarsat F Tel / Fax | |
| Builder | Jiangsu Eastern Heavy Industries, co. Ltd | Sea Area | A1 + A2 + A3 (MF/HF) |
| | | Inmarsat C | 435729810 |
| Keel Laid | 18. Dec. 2009. | In Port GSM Mobile | |
| Launched | 18. Dec. 2010. | Email | pnzx@amosconnect.com |
| Delivered | 19. May. 2011. | Class : | +A1, Oil Carrier, (E), +AMS, +ACCU, VEC, TCM, AB-CM, CSR, ESP, SPMA, CPS |
| Last Drydock | APRIL 2016 | ABS | |
| OWNER | PT. PERTAMINA (PERSERO) Jl.Merdeka Timur no.1A, Jakarta Pusat- 10110 | | |
| Technical Operator | PT. PERTAMINA (PERSERO) Shipping-Marketing and Trading Directorate Jl. Yos Sudarso no. 32 - 34 Jakarta Utara, Jakarta | | |
| CONTACT | Commercial Fleet Manager : Siswoyo (siswoyo@pertamina.com) | | |
| GRT | 63.005 | L.O.A. | 244.5 mtr |
| NRT | 24.134 | L.B.P. | 233.0 mtr |
| Summer Deadweight | 88,322 MT | Breadth (max) | 44.0 mtr |
| Lightship | 21.100 Ton | Depth | 21.5 mtr |
| Displacement (Design) | 109,422 Ton | Summer Draught | 12,700 mtr |
| Displacement (Scantling) | 129,741 Ton | Scantling Draught | 14,800 mtr |
| LCG | 103.75 mtr | VCG | 12.64 mtr |
| Engine | QMD-WARTSILA 7RT-Flex 58T-B | SMCR Speed | 15.70 kts |
| SMCR x RPM | 15260 kw x 105 RPM | CSR+15%S.M. | 15.00 kts |
| | | Prop Dia / Pitch | Dia 7.15 mtr / Pitch 4.724 mtr |
| Anchors | 2 x 10.125 kg, chain 90 mm | Anchor Chain Length | Port 13 Shckls / Stbd 13 Shckls |
| | | Windlass Brake | 69.0 MT |
| Mooring Winch | 8 sets x 59.8 MT | Winch Brake | 65.0 NT |
| Bow Chain Stopper | 2 x 250 T SWL, 76mm chain | Mooring Rope Additional | Nylon Rope x 220 M x 80 T |
| Mooring Tails Fitted 16x | Nylon 11 M / 80 mm BS 94.5 T | Mooring Wire 16 x | Galvanize Steel WR (FC) x 69 T |
| Cargo gear Cranes | Manif. 2x15 T, Wing Midship | Provision Crane | 2 x 5.0 T SWL |
| Cargo Oil Pumps (turbine) | 3000 m3 x 150 mlc x 3 sets | Ballast Pump (Motor) | 1500 m3 x 35 mlc x 2 sets |

| | | | |
|-----------------------------|---|-----------------------------------|----------------------------------|
| Cargo Stripping Pump | 250 m ³ / h x 130 mlc x 1 set | Ballast Capacity | 41,713.9 m ³ |
| Eductor Pump | 300A x 300 A x 350 A x 1 set | Suez GRT/NRT | 65,059.36 T / 58,931.62 T |
| | 300 A x 250 A x 350 A x 1 set | HFO Capacity 100% (full) | 3300 m ³ |
| Max Loading Rate | 1 Arm 3.000 m ³ /hr / 3 Arm 9.000 m ³ /hr | MDO Capacity 100% (full) | 200 m ³ |
| Max. Temp. Loaded | 66° C or 150.8° F | Fresh Water Cap. 100% | 850.2 m ³ |

| Parallel body ballast = 229.83 m | | Parallel body at SDWT = 239.96 m | |
|---|------------------------------|---|-----------|
| Manifold per side: | 3 x 20" JIS + 2 x 16" Vapour | Bridge to Stern | 40300 mm |
| Bow to cntr Manifold | 121260 mm | Bridge to Bow | 204200 mm |
| Manifold to Ship rail | 4400 mm | Bridge to Center Manifold | 74640 mm |
| Manifold to Ship side | 4600 mm | Stern to Center Manifold | 123240 mm |
| Top of rail to center manifold | 2100 mm | Centre to Centre | 2500 mm |

| | Draft | Freeboard | Displ | DWT | MANOEUEVE RING: | RPM | Ahead Speed (kts) |
|--------------------------|---------------|------------------|----------------|---------------|------------------------|-------------------|--------------------------|
| | Meters | Meters | Tonnes | Tonnes | | Ahd / Astn | Laden / Ballast |
| Lightship | 3,124 | 18,193 | 21,110 | 21,110 | Emergency Full | 105 / 73.5 | 15.7 / 16.4 |
| Tropical(FW) | 13,250 | 8,067 | 114.713 | 93.613 | FULL | 74 / 65 | 15.2 / 16.0 |
| Summer FW | 12,985 | 8,332 | 112.160 | 91.060 | HALF | 58 | 12.6 / 13.5 |
| Tropical | 12,965 | 8,352 | 111.968 | 90.868 | SLOW | 42 | 4.9 / 7.7 |
| Summer | 12,700 | 8,617 | 109.422 | 88.322 | DEAD SLOW | 32 | 3.0 / 5.6 |
| Winter | 12.435 | 8,882 | 106.883 | 85.783 | TPC | 95.94 MT SDWT | |
| Normal Ballast Condition | 12.435 | 8,882 | 106.883 | 85.783 | FWA | 330 mm | |