



SAN BERNARDO

IDENTIFICATION

- **Name:** San Bernardo
- **Call Sign:** HKSH3
- **Port of Registry:** Santa Marta
- **Class:** Lloyd's Register
- **Shipowner:** Coltugs S.A.S.
- **IMO Number:** 9339703
- **Flag:** Colombian
- **Year of Built:** 2005
- **Shipyard:** Damen Shipyard - Netherlands

DIMENSIONS

- **Length Overall:** 22.64m
- **Beam:** 7.84 m
- **Draft:** 3.3 m

PERFORMANCE

- **Bollard Pull:** 26 T
- **Speed:** 13 Kn
- **Gross Tonnage GRT:** 141

TANK CAPACITIES

- **Fuel Oil:** 37.85 m3
- **Fresh Water:** 9.84 m3

ACCOMODATION

- **Crew:** 7

MACHINERY

- **Main Engines:** 2 x Caterpillar 3512 B
- **Total BHP:** 2 x 1200,00 HP
- **Generators:** 2 x Caterpillar 3304

DECK MACHINERY

- **Deck Space:** 90 m2

NAVIGATION EQUIPMENT

- 1 X Radar Furuno
- 2 X Vhf Radio
- 1 X Ecosound
- 1 X Graphic Gps
- 1 X Intercom
- 2 X Life Raft Capacity 10

MAIN COMPONENTS

- **Propulsion Engines:** 2 X Caterpillar 3512B TA/B, 939 Kw Each, 1200 HP, (Electronic Controlled) Total Power 1878 Kw.
- **Transmission:** 2 X Reint Jes Waf 742, Reduction Ratio 3.952:1 (Electronic Controlled)
- **Generators Engines:** 2 X Caterpillar 3304, Alternator 80 KVA, 220V, 3PH, 60HZ
- **Shaft Lines:** 2 XX Propeller Shafts D. 165mm L, 5852mm.
- **Propeller:** 2 X Propeller 4 Fixed Blades, D. 2050 Pith 1780, (Kort Nozzle)
- **Rudder:** 2 X Rudder Blade, DS 190 RH 2120 RS 1216 RT 770
- **Steering System:** type 2.S.25.45.2 Sperry Marine, Twin Connecting Rods and Cilindres, Hidraulic Unity Type 1E.Plor Sperry Marine 2, Steering Pump 5.5 Kw.
- **CO2 Fire Sistem:** Ajax Fixed Co2 Bottles with Remote Operation
- **Deck Crane:** 3T @ 7M
- **Deck Space:** 45 m2
- **AFT Winch:** 5T
- **Winchs:** 1 X Anchor Winch Type Kabv-1-E16/16, Pull 20 Kn, Speed 10 M/Min, 2.47 M. 1 X Capstan Winch Type C-E 30 Kn, Pull 30 Kn, Speed 15 M/Min Chain Length, 2 Anchors Each 180 K.
- **Pumps:** 2 X General Service Pumps Sihi Type Akhk5101. 1 X Fresh Water Pump Sihi Aoha1202. 2 X Fuel Transfer Pump, Sihi Aoha1201. 2 X Air Compressor Unit, Ss3 Ingersoll Rand Compressor. 1 X Air Condition Unit Heinen Hopman Type Ac-1, Air Capacity 2990 M3 / Hora, Cooling 31 Kw. 1 X Oily Water Separator, Facet Type CPS2.5BVMOD1.