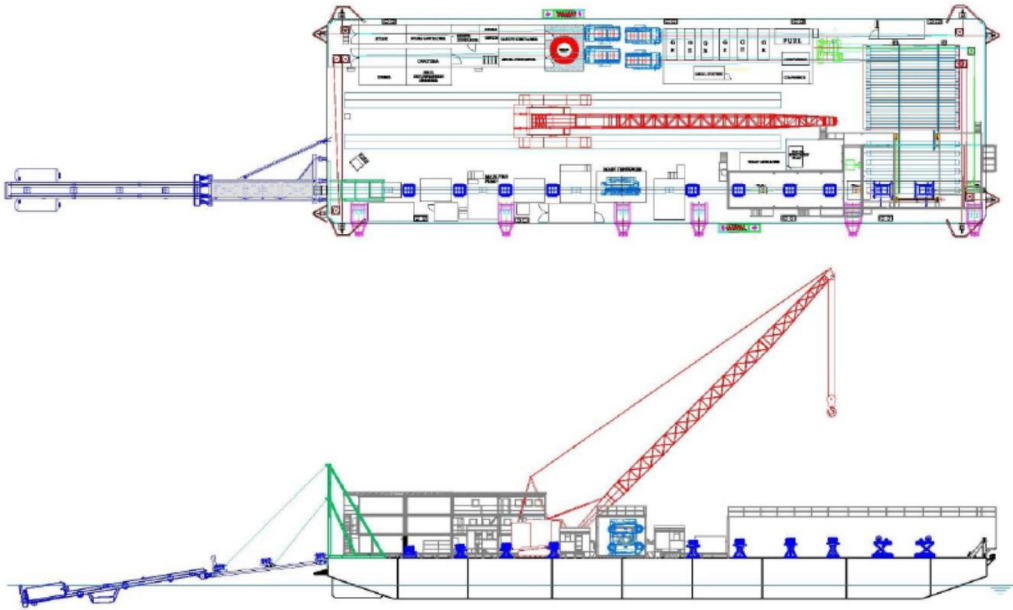


PIPELAY BARGE (SHALLOW WATER)
Kalinda



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Specifications

Pipeline Barge (Shallow Water) - KALINDA

MAIN PARTICULAR

• Class	: Dual Class BKI & BV
• Flag	: INDONESIA
• Call Sign/Official No.	: JZJW
• Year Built	: 2002 (conversion 2008)
• GRT/ NRT	: 3,803 T/1,141 T
• DWT	: 3,800 T (Approx)
• LOA	: 86.00 m (excluded stinger)
• Breadth	: 27.50 m
• Depth	: 5.50 m
• Draught	: 4.35 m
• Operating Draught (Min)	: 1.60 m

PIPELAY SYSTEM & EQUIPMENT

• Capacity	: From 6" to 42"
• Tensioner	: 1 x 30t – SAS – 25m/min
• A/R Winch	: 1 x 30t – SAS – 25m/min (Fitted with 500m of 38mm diameter wire)
• Stinger	: 15m fix + 24m ballasting With integrated monitoring system (load cells, depth, angle and subsea camera)
• Work Stations	: 6 work stations (Typ. 3 x welding, 1 x NDT/repair, 2 x field joint coating)
• Welding System	: Can accommodate manual, semi-automatic and fully automatic
• Davit	: 6 x 25t
• Air Winch	: 6 x 5t for 25t Davit 1 x 15t for Outrigger

MACHINERY SYSTEM & EQUIPMENT

• Generator	: 6 x 350kW - Cummins - 415V/50Hz/3Ph
• Emergency Generator	: 1 x 50kW - Cummins - 415V/50Hz/3Ph
• Compressor	: 2 x 1,100 m ³ /h (650 cfm)
• Sewage Treatment Plant	: 1 unit with capacity 50 liters/person

ANCHOR & MOORING EQUIPMENT

• Mooring Arrangement	: 8-point mooring system
• Mooring Winch	: 4 x double drum air winches Integrated monitoring system (tension & payout meter) 50t capacity (77t brake)
• Mooring Rope	: 8 x 1,200mL x 38mmD
• Mooring Anchor	: 6 x 3.5T Flipper Delta (+4 Spare) And 1 x 5.0T Flipper Delta
• Anchor Buoy	: 8 (+1 spare), each with pendant line
• Towing Gear	: SMIT Brackets & Panama Chocks

DECK AREA

• Deck Strength	: 10 ton/m ²
• Deck Space	: 550 m ² (approx)

CRANE

• Model	: Crawler Crane
• SWL	: 250 Tons

DISCHARGE & TRANSFER RATE

• Fuel Oil	: 2 x 20 m ³ /h
• Fresh Water	: 1 x 20 m ³ /h
• Ballast Water	: 1 x 100 m ³ /h

TANKS CAPACITY

• Fuel Oil	: 234 m ³ (double wall tank)
• Fresh Water	: 388 m ³
• Ballast Water	: 1 x 782 m ³ + 1 x 392 m ³ + 1 x 320 m ³
• Sewage	: 1 x 11.2 m ³

FACILITY

• Control Room	: 1 x 40' + 1 x 20'
• Offices	: 4 x 20'
• Mess Room	: 40 person
• Rest Room	: 1 x 20'
• HSE/Medic Room	: 2 x 20'

LSA & FIRE FIGHTING EQUIPMENT

• Life Raft	: 8 x 25-Men
• Life Jacket	: available
• Stretcher	: 1 Unit
• Work Vest	: 30 pcs
• Fire Pump	: 1 x 100 m ³ /h
• Emergency Fire Pump	: 1 x 50 m ³ /h

COMMUNICATION EQUIPMENT

• Communication	: 1 x Thuraya
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This technical specification sheet is subject to change without prior notice

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