



PT. PELAYARAN EKANURI INDRA PRATAMA



TECHNICAL SPECIFICATION

PRINCIPAL PARTICULAR

Owner	: PT. Pelayaran Ekanuri Indra Pratama
Vessel Name :	: ASD Tug
Year Built	: 2014
Builder	: Guangxing Shipbuilding Heavy Industry, CO.LTD.
Designer	: Robert Allan Ltd. RAmports 3000-SD CLASS TUGBOAT
Type of Vessel	: Z-Peller Harbor Tug
Class Notation	: BKI & ABS *A1; (E) *AMS, Towing Vessel, Unrestricted Navigation
Port of Registry	: Jakarta
	: Indonesia
IMO No.	: 9733208

DIMENSIONS

LOA	: 28,80 M
Beam	: 12,00 M
Depth	: 5,35 M
Draft	: 3,73 M
Grosse Tonnage	: 495
Net Tonnage	: 149

MACHINERY

Main Engine	: Niigata 6L26HL, c/w ABS Certificate 2000 Bhp (1471 KW) x 2 unit, 750 Rpm
Main Generators	: Cat - 4.4 ; 2unit x 93KW out put 86 ekw
Harbour Generator	: Cat - 4.4 ; 1unit x 101BHP out put 69ekw
Propellers	: Z-Peller NIIGATA ZP-31 c/w Kort Nozzle ASD

ACCOMMODATION (FULLY AIR CON)

Master	: 1 For berth
Chief Engineer	: 1 berth
Officer & Crew	: 4 room x 2 berths 1 Spare berth
Total	: 11 berths
Life Jackets	: 15 pcs, SOLAS & IMO Approved type
Life Buoy	: 8 pcs, SOLAS & IMO Approved type
Inflatable Life Raft	: 2 pcs, 16 prs c/w hydrostatic realiser SOLAS A PACK
Work Life Vest	: 15 pcs, SOLAS & IMO Approved type

PERFORMANCE DATA

Designed Max Speed	: 12 Knots
Designed Bollard Pull	: 50 Tonnes; ABS Certificate

TANK CAPACITIES

Fuel Oil	: 234 m ³
Fresh Water	: 36 m ³
Main Engine lube oil	: 2.3 m ³

TOWING AND DECK EQUIPMENT

Achor P/S	: Stockless bower 495Kg/each
Achor Chain P/S	: 26mm dia 302.5m length/11 shackle
Windlass	: 6.0T at 0-12m/min, 26mm U2 type Break Holding 120 T
Fwd Towing Winch	: Drum Pull - 45T at 0-5m/min; Break Holding -120 T
Aft Towing Winch	: Drum Pull - 48T at 0-5m/min; Break Holding -130 T
Deck Crane	: Telescopic SWL-2T, Range 2.5m/6m. Lifting Height-20m
Side Fender	: Fit vessel wt heavy duty rubber fender bow; sheer and stern
Mooring Line	: 4 Polypropylene @ 120 m long; BS 64KN

COMMUNICATION AND NAVIGATIONAL EQUIP

Magnetic Compass	: 1 X JRC / SR - 165
Gyro Compass&Repeater	: 1 x CMZ900B
Radar	: 1 X JRC / JMA - 5312 - 6
Echo Sounder	: 1 X JRC / JFE - 380
Marine VHF	: 1 X JRC / JHS - 770 S
Marine SSB	: 1 X JRC / -2150
Walkie Talkie	: 2 x JRC / HT 649
SART	: 1 X MCMURDO / S4
EPRIB	: 1 X MCMURDO / E5
Satellite Navigation/GPS	: 1 X JRC, JLR - 7500
Auto Pilot	: 1 x SAURA, SA-10 VO
NAVTEX	: 1 x JRC, NCR-333
PA System	: 1 x Hanshin HPA-7300-2
AIS	: 1 x JRC, JHS-183
Flood light	: 2 x 1000 watt



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TRANSFER PUMP

Fuel Transfer Pump	: Horizontal Gear, 30m ³ /hr, 50head, 15kw 2900 r/min
Transfer FW Pump	: Horizontal Gear, 30m ³ /hr, 50head, 15kw 2900 r/min
Fuel Flow Meter	: Omega DFN-100A-IC Direct VISUAL INDICATION
Bilge Pump	: Vertical Centrifugal Gear, 30m ³ /hr, 50head, 15kw 2900 r/min

FIRE FIGHTING / ANTI-POLLUTION EQUIP

External Fi-Fi Pump	: 1.200 m ³ /hr, 123mlc; 1800rpm; 496Kw M/E Driven
External Fi-Fi Monitor	: 1(one) 1.200 m ³ /hr; 120m; 10bar; 15KN c/w Local Monitor Control and Remote c/w double barrel for foam
Fire Hydrant Station	: 30 m ³ /hr. @ 50m Head
Dispersant Tank Caps	: 5050 liters

COMMUNICATION AND NAVIGATIONAL EQUIP

Aldis Lamp	: 1 x 24V DC
Weather Fax	: 1 x Furuno 408
Inmarsat	: 1 x JRC, JUE-87
MF/HF Radio Equipment	: 1 x JRC, JSS-2150 c/s SSB

Foam Tank Caps.	: 5100 liters
OWS	: Taiko Kokai USH-01
OSWW	: Azcue BT-HM38d4-f
Smoke Heat, Gas detector	: Apollo/0597-30924
Funnel Spark Arrestor	: Centrifugal Type Spark Arrestor
Spray boom P/S	: 2 x 5 mtr w/t 5 nozzle c/w Water Curtain
Rescue Zone P/S	: 2 (two) Removable P/S Side Doors Painting With RESCUE ZONE Mark

PARTICULARS ARE CORRECT AT THE TIME OF PRINTING