

KOYO MARU Ocean-going Salvage Tug



PARTICULARS OF “KOYO MARU”

IMO No./Official No./Call sign	9162148 / 136582 / JLSC
Classification	NK,NS* (Tug and Salvage Purposes), MNS* (MO), DPS A
When built/Flag/Port of Registry	June 1998/Japan/Tokyo
Gross/International tonnage	2,096/2,474
Length (O.A.) × Breadth × Depth	86.08m × 14.50m × 6.70m
Speed	Max.18.15 knots, Cruising 16.2 knots
Range	15,500miles (twin), 23,000miles (single)
Main engine/HP	Diesel, DAIHATSU 8DLM-40A MCR: 5,000bhp × 515/180rpm × 2 Total: 10,000bhp
Certified Bollard Pull	132.5 metric tons
Screw	Controllable pitch propeller in fixed Kort Nozzle × 2 Schilling rudder × 2
Bow-thruster	Electric propulsion CPP, 650kW × 1, 10-ton thrust
Navigational devices	Integrated Bridge System INS, Joy Stick, Doppler Sonar, AIS DGPS, Kongsberg Maritime K-Pos DP1
Dynamo	AC440V × 1,000kVA × 2
Towing winch and ropes	Winch: 2drums, 45-tons × 20m/min (brake capacity: 200 tons) Wires: 68m/m dia. × 1,200m × 2 sets Hawser: 100 ~ 135m/m dia. × 1 coil each
Derrick crane	(Fore) 4.5ton × 17m (Aft)10tons × 12m, 5tons × 12m
External fire-fighting	Fire fighting pump driven by port main engine: 1,920m ³ /hr × 150m × 1 Twin monitors: Hydraulic control fire fighting water gun; 20,000 ℓ/min × 0.98MPa × 1 Electric control fire fighting water (or foam) gun; 12,000 ℓ/min × 0.88MPa × 1 Electric control fire fighting powder gun: 30kgs/sec × 1 Oil dispersant spraying gun: 500 ℓ/min × 0.20MPa × 4 Water curtain nozzle for cooling hull: 125 ℓ/min × 0.31MPa × 20 Fire fighting foam (Undiluted solution) : 10,800 ℓ Fire fighting powder: 2,000kgs
Recovered oil storage tank	Capacity: 215.1m ³

PRINCIPAL SALVAGE GEAR

Salvage pump:	2" ~ 6" dia. × 15, 1,700 t/h	Anchor chain:	58mm × 4shackles
Fire-fighting pump:	1	Ground tackle:	15sets
Oil pump:	2	Steel wire rope:	24 ~ 56m/m × 42coils
Compressor:	5.25m ³ /min.	Diving apparatus:	5sets
Electric generator:	220/440V × 125kVA × 1, etc.	Work boat:	1
Underwater welding & cutting apparatus:	3sets	Oil boom:	200m
Salvage anchor:	AC14Type 4.2t × 4	Others:	Dyneema&syntheticropes, steel materials, ROV(optional), etc.

※All details are believed to be correct but not guaranteed.



The Nippon Salvage Co., Ltd.

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