

Offshore Multi-Purpose Work Vessel

KAIYU (Built 2005 March)



Dimensions

a.	Length	62.4 m
b.	Breadth mld	14.0 m
c.	Depth mld	6.0 m
d.	Draught-Loaded	5.0m

Class & Navigation Limit

a.	Classification	NK NS MNS
b.	Ice Class	C
c.	Navigation Limit	Major coastal (A-3)

Tonnage

a.	Gross Tonnage	1,292 tons
b.	Int. Tonnage	1,682 tons

Capacity

a.	Fuel Oil	988 m ³
b.	Fresh water	410 m ³
c.	Drill water	340 m ³
d.	Bulk Tank	140 m ³
e.	Deck Cargo	1,350 tons
f.	Deck Space	10 m × 30 m

Speed, Endurance & Bollard Pull

a.	Speed	Max 13.5 kts/ Economical 10 kts
b.	Endurance	18,000 N.M.
c.	Bollard Pull	60 tons

Machinery

a.	Main Engine	2 × Niigata 1,838KW (2,500PS) Total 5,000PS 2 × CPP in Kort nozzles
b.	Generator	2 × 280KW (350KVA)
c.	Shaft generator	1,280KW (1,600KVA)
d.	Bow thruster	2 × CPP type of 79.4KN
e.	Stern thruster	1 × CPP type of 79.4 KN
f.	Deck Crane	1 × Telescopic Crane 3tons 14m Boom
g.	Capstans	2 × capacity 10 tons
h.	Tugger Winch	2 × capacity 10/5 tons
i.	Stern Roller	3.65m × 1.8 m dia SWL 100 tons
j.	Deep Sea Mooring System	2 × 1,920 kg stockless type bow anchors with 550 m 38 mm diameter wire

Navigation & Radio Equipment

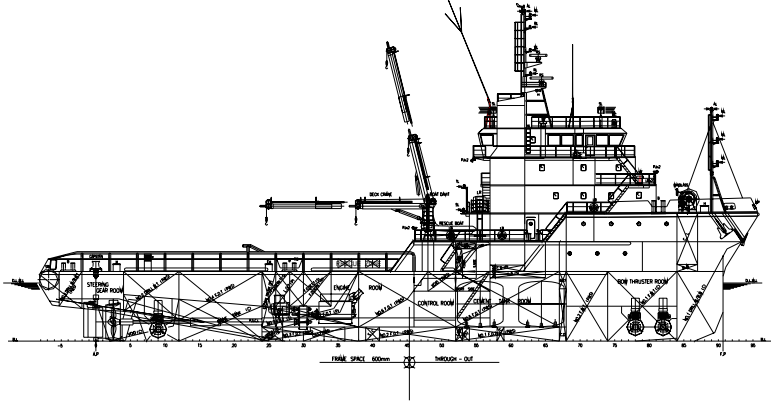
2 units radars, echo sounder, auto-pilot, gyro compasses, VHF transceivers, weather, fax, satcom, speed log,
2 × remote control metal halide lamp searchlight, GMDSS unit
DGPS Radio Beacon
DP KONGSBERG Simrad DP-11
Deep Echo Sounder (Simrad EA 600)

Complement

a.	Crew	15 p
b.	Passenger etc	25 p

General Arrangement

KAIYU



- *E*-DECK PLAN
- *D*-DECK PLAN
- *C*-DECK PLAN
- *B*-DECK PLAN
- *A*-DECK PLAN
- MAIN DECK PLAN

