

699G/T · 3,236kW
Offshore multi-purpose
work vessel

KAIYO



Main Details

Year Built	July 2013	Length	56.0m	- O. A.
Class	NK		46.80m	- P. P.
Official No.	141963	Breadth	12.0m	
IMO No.	9697911	Depth	5.00m	
Call sign	7JPM	Draught	4.30m	
Service of Ship	Tug and Work Boat	Tonnage	699t	- gross tonnage
Navigation Area	Coasting Area A2		999t	- international tonnage
		Complement	30 persons (Crew 13 Other Persons 17)	

Engine and Propulsion

Main Engine	3,236KW Niigata 6L28HX 1,618kW(2,150PS) ×2	Bollard Pull	542kN (55.3t)
Propulsion	Azimuth thruster (CPP) ×2	Speed	14.3kts - maximum 12.0kts - at cruise
Generator	Shaft Generator 950kVA Main Generator 300kVA ×2	Bow Thruster	CPP type 78.5kN (8.0t)

Navigation, Radio Equipment and Communication

DPS (Kongsberg K-Pos)	Auto Pilot	GMDSS (A1, A2, A3)
Magnet Compass	Gyro Compass(TG-8000)	VHF Radiotelephone×2 2-way Radiotelephone×2
DGPS(JRC JLR-7800)		MF/HF Radiotelephone (DSC, NBDP) Inmarsat C(JRC JUE-85)
Echo Sounder (JRC JFE-380,)		EPIRB SART×2 NAVTEX AIS Rader(JRC JMA-5322-7)×2
Doppler Current Meter (JRC JLN-628)		Maritime Telephone / Fax 090-3023-0989 / 03-6888-5167
Maritime Telephone (Inmarsat FBB SAILOR150)		E-mail kaiyo@oocLtd.jp

Deck Equipment

Anchor Handling & Towing Winch	392kN (40t) - 3.2m/min 196kN (20t) - 7m/min 98kN (10t) - 14m/min 1,078kN (110t) - Brake	Stern Roller	3.40m×1.4m dia SWL 980kN (100t)
Tugger Winch ×2	49kN (5t) - 11m/min 24.5kN(2.5t) - 22m/min 73.5kN(7.5t) - Brake	Deck Crane	960kg (0.9t) Slewing Radius - 360° - 13m Maximum Hoisting Lift - 42m
Capstan ×2	49kN (5t) - 11m/min 24.5kN(2.5t) - 22m/min 49kN (5t) - Brake	Mooring Equipment	AC-14 type Anchor 890kg ×2 Stud Link Chain φ30mm×300m ×2 Windlass Chain Drum - 68.6kN(7t) Hawser Drum - 49kN(5t)

Tank and Deck Capacity

Fuel Tank	544m ³	Free Deck Space	280m ² (28m×10m)
Fresh Water Tank	339m ³	Deck Cargo	258t
Bulk Tank	100m ³ (25m ³ ×4)		

Others

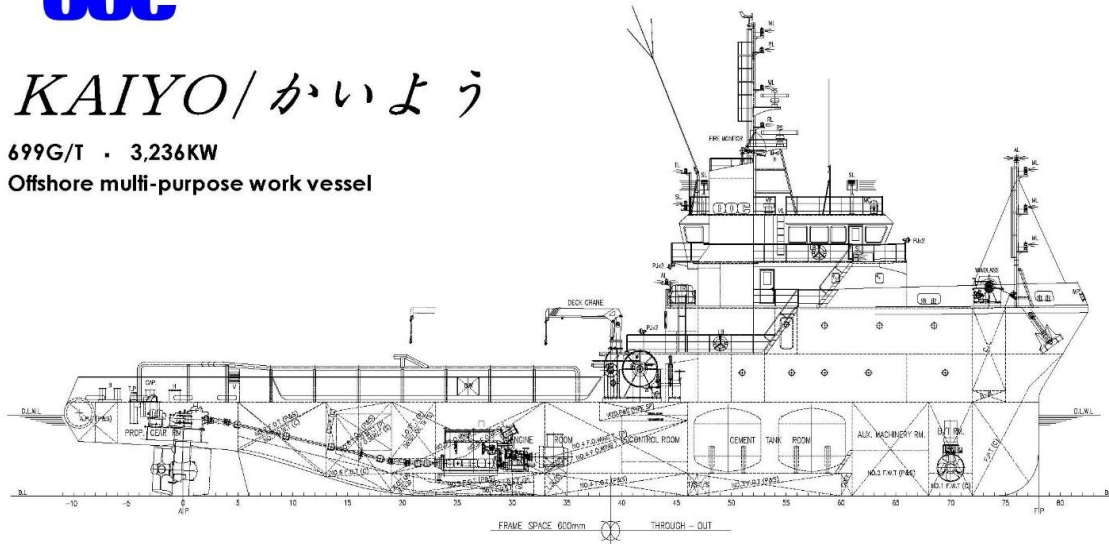
Toing Pin · Fork Pin 350φ x 2, Fork 350φ x 2

OOC

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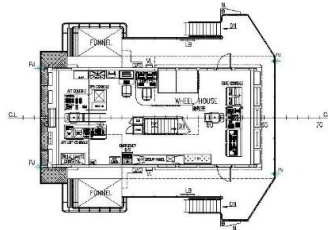
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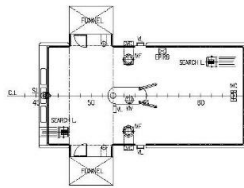


- "D"-DECK PLAN
- "C"-DECK PLAN
- "B"-DECK PLAN
- "A"-DECK PLAN
- MAIN DECK PLAN

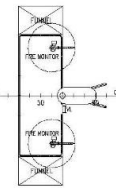
"C"-DECK PLAN



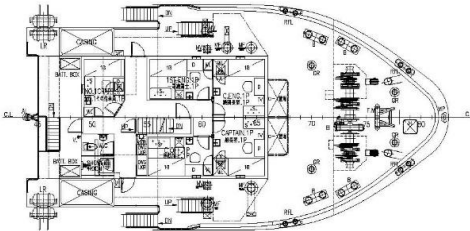
"D"-DECK PLAN



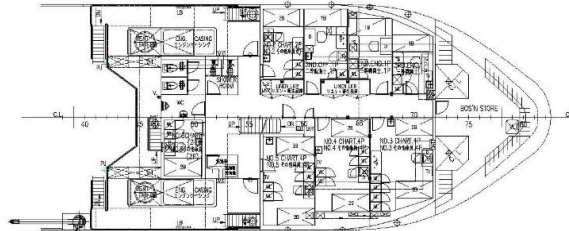
MONITOR STAGE PLAN



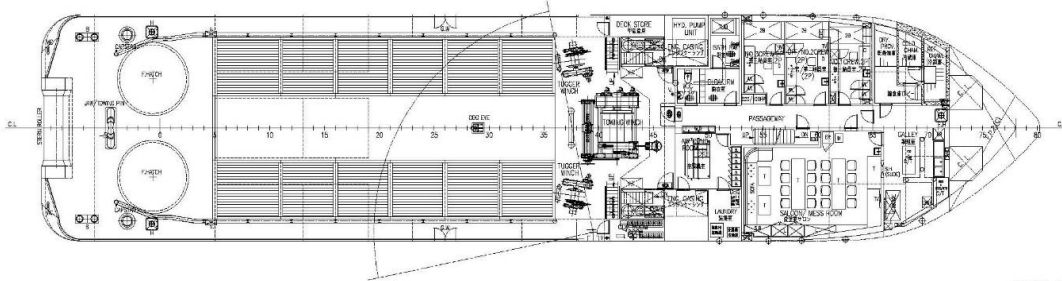
"B"-DECK PLAN



"A"-DECK PLAN



MAIN DECK PLAN



TANK TOP PLAN

