



# MCS Kim

## GENERAL

Type: Robert Allan designed Coastal Towing/Harbour Tug  
 Built: 2009  
 Class: American Bureau of Shipping +AI, towing vessel + AMS  
 Flag: UK, MCA Category I  
 Dimensions O.A.: 25.25m x 8.6m x 3.6m (draft)  
 Displacement: 317 ton (50% consumables)  
 GRT: 138.98  
 IMO numbers: 9569384  
 Call signs: 2ERT3  
 Port of registry: Glasgow

## TANK CAPACITIES

Fuel oil:	96m <sup>3</sup>	Dirty oil:	1.7m <sup>3</sup>
Fresh water:	8.5m <sup>3</sup>	Bilge water:	1.7m <sup>3</sup>
Lube oil:	1.5m <sup>3</sup>	Sewage:	0.5m <sup>3</sup>
Hydraulic oil:	0.8m <sup>3</sup>		

## PERFORMANCE

Bollard pull: 45 tonne  
 Speed: 12.5 knots

## PROPULSION

Main engines: 2 x Caterpillar 3512B TA  
 Total power: 2238 bkW (3000 bhp) at 1600 rpm  
 Propellers: 2 x 2000 mm Promarin fixed pitch in nozzles

## AUXILIARY EQUIPMENT

Main generator sets: 2 x Perkins 4TGM  
 Capacity: 2 x 150 kVA, 50 Hz, 230/ 400V  
 Fuel/ Water transfer pumps: 35m<sup>3</sup>/ hour

## DECK

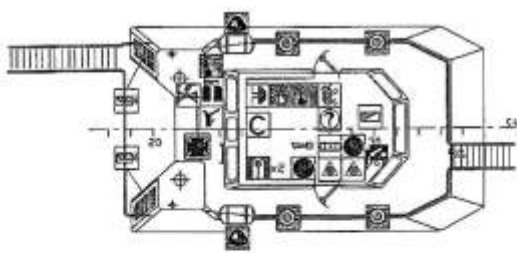
Deck winch: 35 tonne Rolls Royce ME30THTW @ 7m/min  
 Towing wire: 600m x 42mm  
 Deck crane: Palfinger 1.1 tonne knuckleboom  
 Deck carrying capacity: 10 tonne  
 Clear deck space: 51m<sup>2</sup>

## ACCOMMODATION

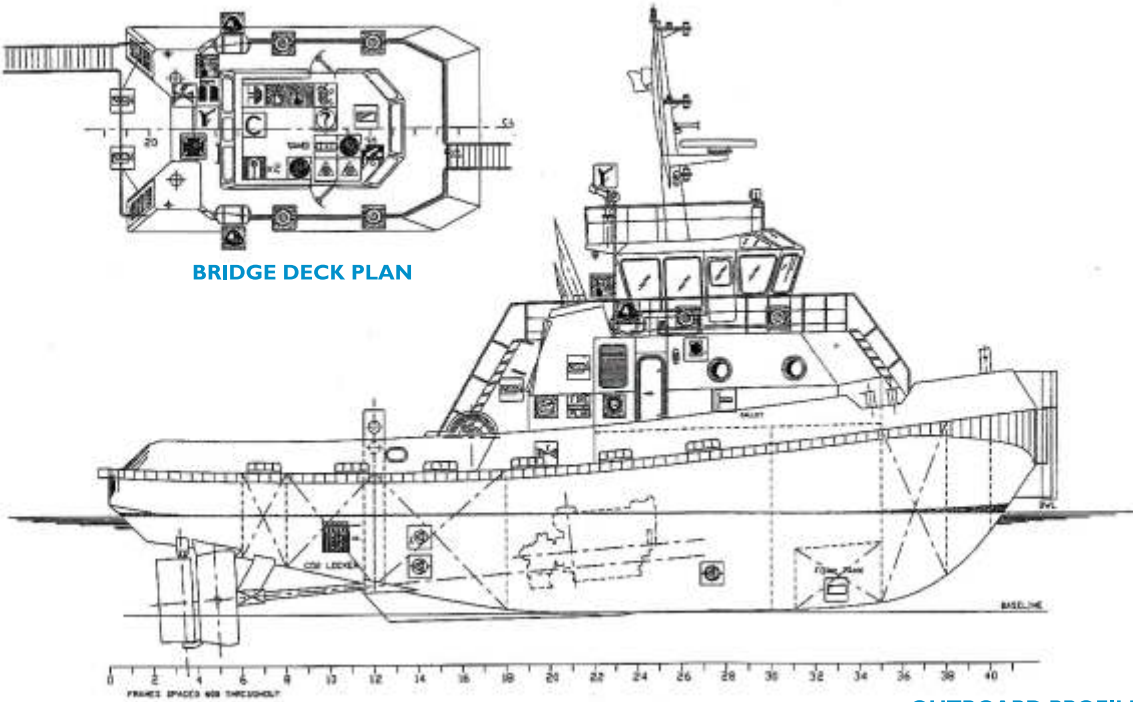
Heated and air-conditioned living spaces for six persons, consisting of two single crew cabins and two double crew cabins, a galley/ mess and sanitary facilities.

## NAVIGATION EQUIPMENT

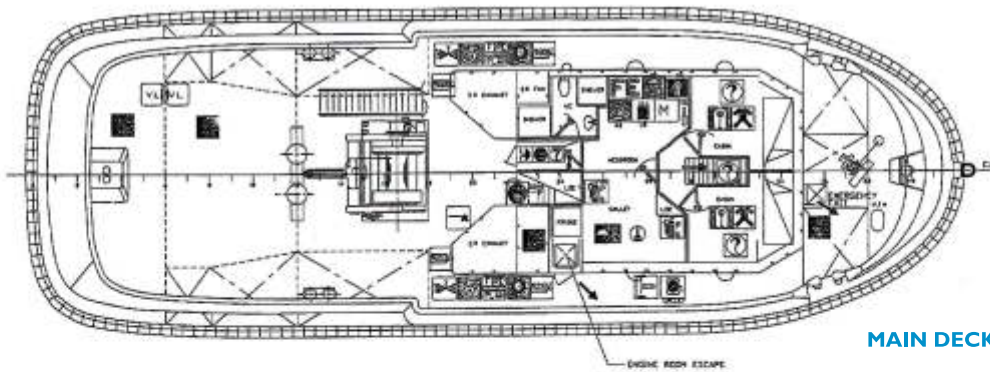
Searchlights: 1 x 2000W, Seematz 71095  
 Magnetic compass: Reflecta CR 50021  
 Gyro compass: Simrad AR78  
 RADAR: Simrad RA83P/ 93P  
 GPS: Furuno GP-32  
 Autopilot: Simrad AP50  
 AIS: Simrad  
 Echosounder: Simrad EQ33  
 VHF/DSC: Simrad RT4822  
 Handheld VHF: Axis 30, ICOM BC-166  
 Navtex: McMurdo ICS NAV5 GMDSS Navtex  
 GMDSS: Simrad TC50



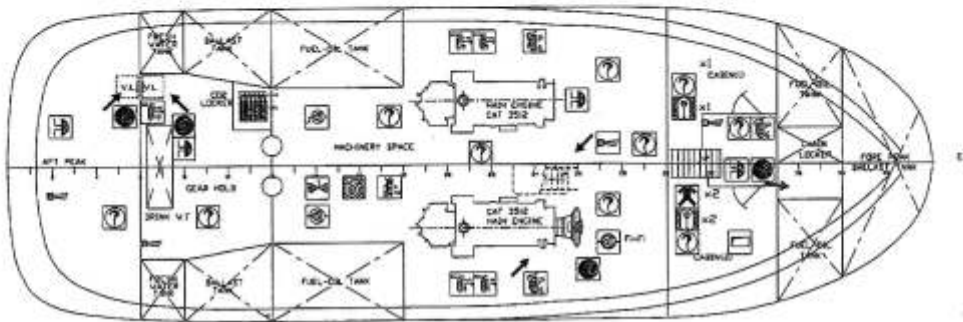
BRIDGE DECK PLAN



OUTBOARD PROFILE



MAIN DECK PLAN



BELOW DECK PLAN

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