



# MCS Iris

## GENERAL

Type:	Robert Allan designed Coastal Towing/Harbour Tug
Built:	2006
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:	9352731
Call signs:	MBFE
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:	Perkins 4TGM 74 kVA John Deere 150 kVA
Fuel/Water transfer pumps:	35m <sup>3</sup> / hour

## DECK

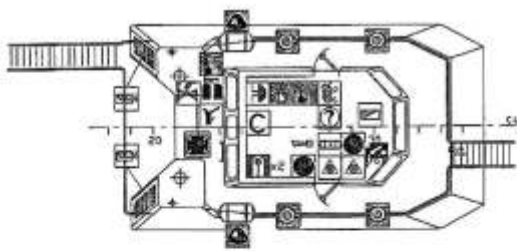
Towing winch:	30 tonne Marine Equipments ME30THTW @ 7m/min
Towing wire:	600m x 42mm
Deck carrying capacity:	10 tonne
Clear deck space:	51m <sup>2</sup>

## ACCOMMODATION

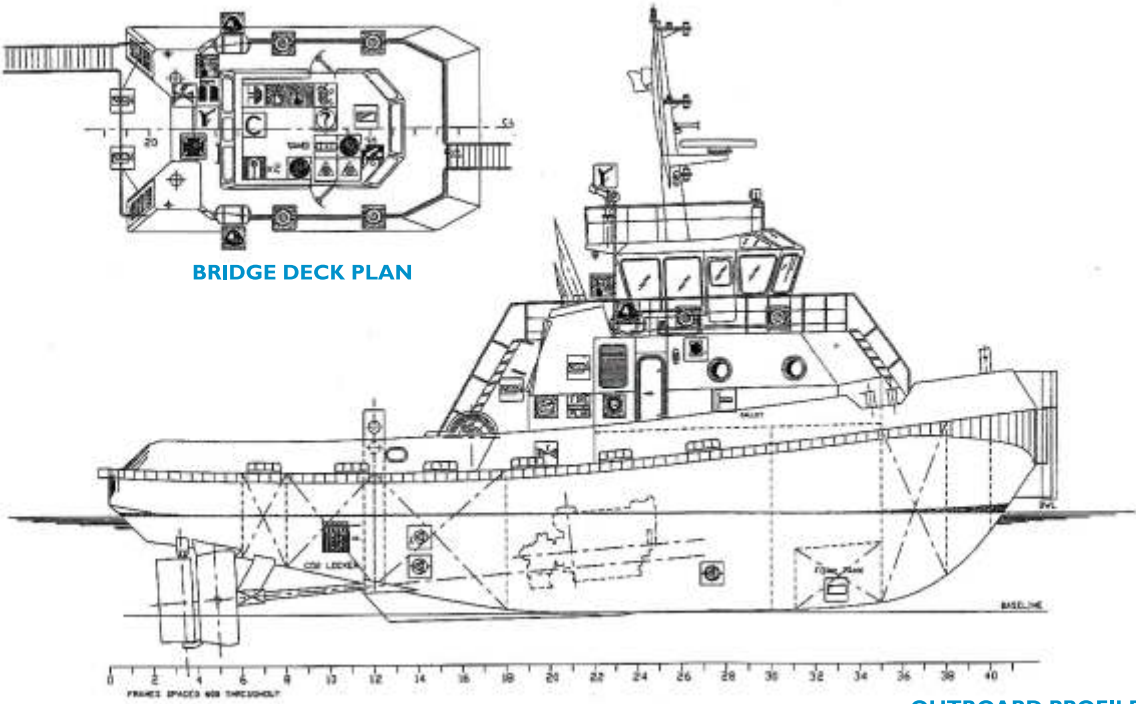
Heated and air-conditioned living spaces for six persons, consisting of two single crew cabins and two double crew cabins, a galley/ mess and sanitary facilities.

## NAVIGATION EQUIPMENT

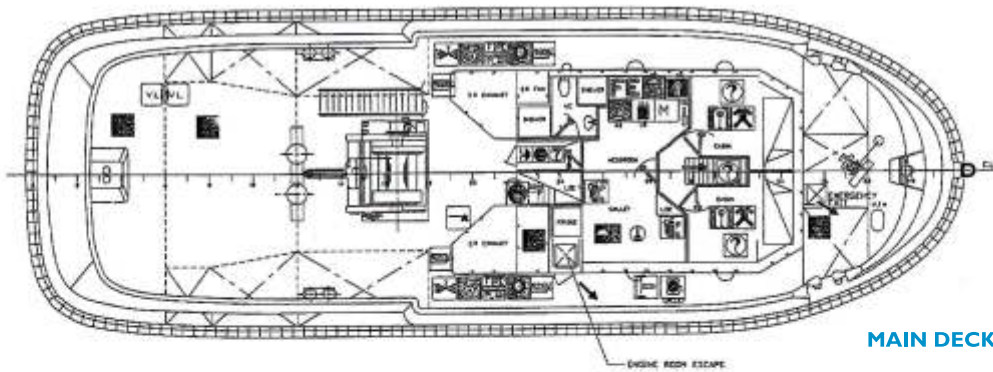
Searchlights:	1 x 2000W, Seematz 71095
Magnetic compass:	Reflecta CR 50021
Gyro compass:	Simrad AR78
RADAR:	Simrad RA83P/ 93P
GPS:	Furuno GP-32
Autopilot:	Simrad AP50
AIS:	Simrad
Echosounder:	Simrad EQ33
VHF/DSC:	Simrad RT4822
Handheld VHF:	Axis 30, ICOM BC-166
Navtex:	McMurdo ICS NAV5 GMDSS Navtex
GMDSS: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



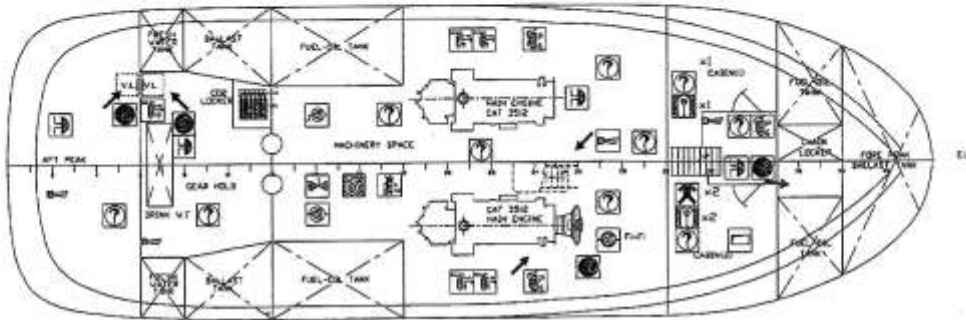
BRIDGE DECK PLAN



OUTBOARD PROFILE



MAIN DECK PLAN



BELOW DECK PLAN

# MCS Iris



Maritime House  
69-71 Main Road, Fairlie  
North Ayrshire, Scotland, KA29 0AD

T +44 (0)1475 568838  
E menno@maritimecraft.co.uk  
[www.maritimecraft.co.uk](http://www.maritimecraft.co.uk)