

HUSKY – Multipurpose Twin screw Shallow Draft Tug/Workboat



GENERAL

BASIC FUNCTIONS	Towing, Pushing, Anchor Handling, Dredge Support, Ploughing, Dive Support, Supply, Salvage, Survey
CLASSIFICATION	Built to Lloyds Class, LR100A1 + LMC
CERTIFICATION	MCA Workboat Category 2, 60 nm MCA Loadline Exemption Irish Loadline Certificate Irish P5 Passenger Vessel Certificate
FLAG	UK
YEAR OF BUILD	1986

DIMENSIONS

LENGTH O.A.	21.00 m
BEAM O.A.	6.00 m
DEPTH AT SIDES	3.20 m
DRAFT AFT (LIGHT/FULL LOAD)	1.8/2.0 m
DISPLACEMENT (FULL LOAD)	136 tonnes
GROSS TONNAGE	50 tonnes
FREE DECK AREA	+/- 28 m ²

TANK CAPACITIES

FUEL OIL	20.0 m ³
FRESH WATER	13.0 m ³
LUBRICATION OIL	0.1 m ³
HYDRAULIC OIL	1.1 m ³
GREY WATER	0.2 m ³

PERFORMANCE

BOLLARD PULL (CERTIFIED)	8.0 tonnes
SPEED (MAX)	9.5 knots
SPEED (ECON)	8.0 knots

PROPULSION SYSTEM

MAIN ENGINES	2 x Caterpillar 3408 DI-TA
TOTAL POWER	600 bkW (804 bhp) @ 1800 rpm
GEARBOXES	2 x Caterpillar 7211/3.5 : 1
PROPULSION	2 x Fixed pitch propellers
DIAMETER	2 x 1200 mm in Nozzles

AUXILIARY EQUIPMENT

GENERATOR No.1	Ford
OUTPUT	35 kVA, 50 Hz, 230/400V
GENERATOR No.2	Ford
OUTPUT	35 kVA, 50 Hz, 230/400V
TRANSFER PUMPS	For Fresh Water : 5 m ³ /h at 2.5 bar For Fuel Oil : 5 m ³ /h at 2.5 bar
HYDRAULICS	1 x Denison pumps- Engine driven 1 X Electro-hydraulic powerpack

DECK LAY-OUT

ANCHOR WINDLASS	1 x Anchor windlass
ANCHORS	2 x 150 kg stockless
CHAIN	2 x 110 m x 16 mm U2 Stud link
DECK CRANE	Grove M977, 1.5 t @ 6.0 m,
TOWING/AH WINCH	North Sea Winch TW-300 Split Drum
PULL	17 tonnes at 12m/min
WIRE CAPACITY	150 m dia. 24mm/75 m dia. 24mm
BRAKE HOLDING	30 tonnes on first layer
TOWING HOOK	Mampaey DCX 7
TOWING/AH PINS	Sockets in aft deck for pins
A-FRAME	6 Tonne SWL
PLOUGH	7 Metre, 2.5 Tonnes

ACCOMMODATION

Heated living spaces for 5 persons, consisting of a master's cabin, and a crew cabin, a galley, and sanitary facilities.

NAVIGATION & COMMUNICATION EQUIPMENT

MAGNETIC COMPASS	Sirs Major II
SATELLITE COMPASS	Simrad HS60
RADAR 1	Furuno 1710
RADAR 2	Raymarine
GPS	2 x Furuno GP 32
AUTOPILOT	Simrad A2004
AIS	Furuno FA150
ECHOSOUNDER	Furuno
VHF	2 x ICOM with DSC
HANDHELD VHF	2 x ICOM
NAVTEX	Furuno NX300
CCTV	PC HD Recording
INTERCOM	Fore & Aft
SEARCHLIGHTS	2

