



ORION TUG ASD 30



PADOAN SHIPYARD
Rione S. Giacomo 873 – 30015 Chioggia (VE)

www.padoanshipyard.com

GENERAL

YARD NUMBER	ORION TUG ASD 30
SERVICE	TUG – FIREFIGHTING
CLASSIFICATION	Tug – Firefighting FiFi I Water Spraying
NAVIGATION	Unrestricted – National Coast
CREW	5 + 1

MAIN PARTICULARS

LENGTH O.A.	29.8 m
BEAM O.A.	11.5 m
DRAFT	4.0 m
DEPTH	4.8 m
DISPLACEMENT	abt. 480 t
MATERIAL	Steel A
MAX SPEED	12 kn
PROPULSION	Azimuthal Thruster
BOLLARD PULL	75 t

TANK CALIBRATION

DIESEL OIL	90 m ³
FRESH WATER	10 m ³
BALLAST	30 m ³
SLUDGE	4,5 m ³
BILGE	5,5 m ³
CLEAN LUBE OIL	1,5 m ³
DIRTY LUBE OIL	1,5 m ³
OVER FLOW	3,5 m ³
DISPERSANT	7,2 m ³
FOAM	-

PROPULSIVE AND AUXILIARY SYSTEM

MAIN ENGINES	2x CAT 3516-3430 CV-1800 rpm
PROPULSION	Roll Royce FPP US 255/P14
TOTAL POWER	5050 CV 6800 kW
AUXILIARY ENGINES	2x CAT C4.4-124 kVA-50 Hz-1500 rpm
PUMP	CAT 3512C 1174 KW 1800 rpm
FF PUMP	OGF 300X450 – 2400 m ³
FF MONITORS	2x 1200 m ³ FM 200 HD Water-Foam
FF FIREFIGHTING	FiFi I – Jason System

DECK EQUIPMENT

BOLLARD	7 (4 double, 2 single, 1 reinforced prow)
WINCH	Plumber Winch 2 drums 100 svl
TOW HOOK	DMT 100 svl
CRANE	Heila HLM 103S 1 ton. a 2 m
ANCHORS	2xVHHP 210 Kg
CAPSTANS	n. 1 bell DMT 3 t

NAVIGATION SISTEM AND STRUMENTATION

RADAR	Furuno Far 3000
AUTOMATIC PILOT	Furuno Navpilot 700
COMPASS	Magnetic type
AIS	Transponder FA-150
GPS	Chart Plotter
EPIRB	Jotron Tron 40s
NAVIGATION LIGHTS	Iacs Approved

ACCOMODATION

On board took place 4 bed for the crew in two cabins, one cabin for the chief engineer and another one for the captain. Furthermore in the accommodation space there are a fireman station with the standard fireman equipment for the crew and a hospital with a barrel and a medicines shelf.

