



# NAUTICA TG. PUTERI XXXVII

UTILITY TUG BOAT FIFI 1  
40 TONNES

## GENERAL INFORMATION

Vessel Name :	NAUTICA TG. PUTERI XXXVII
Call Sign :	9MRO7
Official Number :	336961
IMO Number :	9862786
Port of Registry/ Flag:	Port Kelang, Malaysia
Year/Where Built :	2019 / Johor Shipyard and Engineering Sdn. Bhd., Malaysia
Class :	BV Class I Tug Unrestricted Nav. + MACH + HULL
Type :	Utility Tug
Owners :	E.A. TECHNIQUE (M) BHD
Operator :	E.A. TECHNIQUE (M) BHD
Length Overall (LOA)	30.5 Meter
LBP	26.41 Meter
Beam Moulded	9.60 Meter
Depth Moulded	4.37 Meter
Draft (Max)	3.95 Meter
GRT	357 Metric Tons
NRT	107 Metric Tons
Deadweight	273 Metric Tons

## PROPULSION SYSTEM & MANEUVERING

MainEngine:	2 x Niigata, 6L25HX, 1,323 kW x 750 rpm
Total hp	3600 BHP
Main Generator	2 x Cummins 6CT8.3-GM104, 104kW
Propulsion	2 x ZP-21 CL
Propeller	Fix Pitch- Propeller, 4 bladed
Bollard Pull	40 MT @85%MCR

## PERFORMANCE

Maximum Speed	12 knots
Economical Speed	10 knots
Type of Fuel	Marine Diesel Oil
Fuel Consumption Main Engine (Economical Speed)	594 Liter/Hour @ 85MCR

## FIRE FIGHTING

FiFi Pump	Nijhius, HGT1-250.500. 1200M3/hr
Fifi Gear Box	Kumera. 2 FGEC 280. 1:24, 1,858kW @ 750 rpm
FiFi Monitor	2 x monitor

## ACCOMMODATION AND MANNING

Berth / Cabin	2 x 1 berth, 2 x 4 berth
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## NAVIGATION AND COMMUNICATION

Radar	1 x Raymarine Axiom 12 inch
Satellite Compass	1 x Furuno SC-70
LRIT	Sailor 6120-SSA
DSC	1 x Samyung STR-6000A
SSB	1 x Samyung SRG-3150DN
Anemometer	1 x Raymarine I-60
VHF	1 x Icom IC-M323
Portable GMDSS VHF	3 x Samyung STV-160
Navtex Receiver	1 x Samyung SNX-300
Walkie Talkie	3 x Motorola XiR P6600I
Speed Log	1 x Furuno DS-80
Magnetic Compass	1x Lilley & Gillie MK2000S
GPS	1 x Furuno GP-39
Echo Sounder	1 x Raymarine Dragonfly 7 Pro
AIS	1 x Jotron TR-8000
EPIRB	1 x Jotron TR-60S
SART	1 x Jotron SART 20

## DECK EQUIPMENT

Anchor Winch	Duty Pull 1.8Ton
Anchor Chain	2 x 22mm diameter . 962.5 metre
Tugger Winch	Model: HY TUG WR19 10T Drum Capacity: Ø19mm x 200m Line Pull: 3.0 ton @ 10M/Min (Top Layer) Brake Holding: 10ton at 1 <sup>st</sup> layer static Brake assembly: Hydraulic Operated Clutch assembly: Hydraulic Operated Control System: Local control
Towing Winch	Drum Capacity: Ø96mm x 110m Line Pull: 5T @ 15m/Min (1 <sup>st</sup> Layer) Slack Speed: 0-65m/Min Clutch and Brake: Hydraulic Operated Brake Holding: 90Ton at 1 <sup>st</sup> layer Static Local Control and Wheelhouse Remote
Deck Crane	0.9tonnesx 5m reach
Towing Hook	SWL 60T

## LIFE SAVING EQUIPMENT

Life Raft	2 x 10 Men, SOLAS Approved
Life Jacket	26
Work Vest	6
Life Buoys	8

## TANK CAPACITY

Fuel Oil	139.52m3
Fresh Water	35.152m3
Foam	10.916m3
Dispersant	4.583m3