



MAIN PARTICULARS

Length Overall	: 32.00M
Length BP	: 28.24M
Breath Moulded	: 10.00M (Beam Moulded)
Depth Moulded	: 5.50M
Draft Moulded (Midship)	: 3.71M
GRT/NRT	: 386/116 (approx.)
Bollard Pull	: 50t
Trial Speed	: 12 Knots (approx.)
Class Notation	: NK + TUG + Fire Fighting 1

PROPULSION /MACHINERY

Main Engine	: 2 x 2000PS @ 750RPM coupled to Z drive, Niigata 6L26HLX
Auxiliary Engine	: 2 x 154.8kW @ 1500RPM, Caterpillar C6.6
Propulsion Unit	: 2 x 360 degrees steerable thrusters with fixed pitch propeller
Alternator	: 2 x 143kW diesel driven, LSAM 46.2M5 C6/4

CARGO CAPACITIES

Fuel Oil	: ~170M³
Fresh Water	: ~31M³

CARGO DELIVERY RATES

GS & Fire Pump	: 1 x 50M³/hr @ 40M head
Bilge & Ballast Pump	: 1 x 50M³/hr @ 40M head
M/E Fresh Water Pump	: 1 x 50M³/hr @ 30M head
M/E Sea Water Pump	: 1 x 80M³/hr @ 23M head
Emergency Fire Pump	: 1 x 28M³/hr @ 30M head

SUPPLY & DRAINAGE PLANT

Freshwater Pressure Set	: 1 x 3.2M³/hr @ 30M head
Seawater Pressure Set	: 1 x 3.2M³/hr @ 30M head
Sewage Treatment Plant	: For 15 men (Capacity 1050L/D)
Oily Water Separator	: 1 x 0.5M³/hr

NAVIGATION COMMUNICATION EQUIPMENT

X-band Radar	:	1 set
Echo Sounder	:	1 set
Doppler Speed Log	:	1 set
AIS	:	1 set
Satellite Compass	:	1 set
Magnetic Compass	:	1 set
Anemometer	:	1 set
BNWAS	:	1 set
MF/HF Radiotelephone	:	1 set
VHF/FM Transceiver	:	1 set
Inmarsat mini-C	:	1 set
Sound Power Telephone	:	5 sets
PA System	:	1 set
VHF Portable Radiotelephone	:	1 set
EPIRB	:	1 set
GPS Navigator	:	1 set
SART	:	1 set
Navtex Receiver	:	1 set

EXTERNAL FIRE FIGHTING SYSTEM

External FiFi-1
Fire monitor 2 x 1200M³/hr @ 10 bar
Fire pumps 1 x 2850M³/hr

DECK / AHT EQUIPMENT

Anchor Windlass	:	1 x electro hydraulic, winch single split drum, double warping head & double gypsies Brake Holding : 130MT (Static, 1 st Layer) Drum Capacity : 2 x 110m for 97mm dia PP Rope Drum Pull : 20t @ 20M/Min (low speed) 8t @ 40M/Min (high speed)
Anchor	:	2 x stockless bower type, each 570kg
Towing Hook	:	1 x S.W.L 60 T
AFT Towing Winch	:	1 x electro hydraulic, winch single drum, single warping head Brake Holding : 130MT (Static, 1 st Layer) Drum Capacity : 400mm for 97mm dia PP Rope Drum Pull : 20t @ 20M/Min (low speed) 8t @ 40M/Min (high speed)

ACCOMMODATION

2 x 1 man Cabin	:	2 men
2 x 4 men Cabin	:	8 men
Total	:	10 men

LIFE SAVING EQUIPMENT

Life Raft	:	2 sets for 15 men
Life Buoy-Ring	:	8 sets
Life Jackets	:	14 sets
CO ₂ system in engine room	:	
Fireman's Outfit	:	2 sets
Portable Fire Extinguishers	:	
Fire Detection & Alarm System	:	