



CEMERLANG

38 M UTILITY VESSEL / TOWING / CHASE BOAT / MINI SUPPLY

TECHNICAL SPECIFICATIONS

Item	Specification	Item	Specification
01. VESSEL NAME	CEMERLANG	15. PROPULSION / MACHINERY	
02. VESSEL TYPE	Utility Vessel	a) Main Engines	2 x Detroit Diesel 16V-92 MN8163-7000
03. CLASSIFICATION	ABS (ABS+A1, Supply Vessel)	b) Horse Power	2 x 600 BHP @ 1800 RPM
04. PORT / FLAG REGISTRY	Muara, Brunei Darussalam	c) Reduction Gear	Twin disc MG 527 gear ratio 5:1
05. IMO No. and CALL SIGN	9040584 / VBV 2043	d) Propeller / Rudders	2 x fixed pitch (62 x 54 in) / 2 x spade type
06. YEAR BUILT	1991	e) Bow thruster	1.35 tons thrust (independent driven by GM 8V-71)
07. MAIN CHARACTERISTICS		16. GENERATORS	2 X GM 4-71, 50Kw, 60 Hz
Length Overall	38.40 M (126 ft)	17. NAVIGATION & COMMUNICATION EQUIPMENT	
Beam	9.10 M (30 ft)	a) Marine VHF	1 x ICOM IC-M503, 1 x Sailor RT2048
Depth	3.7 M (12 ft)	b) Marine SSB Radio	2 x ICOM IC-M802 & IC-M710
Draft, Light	2.5 M (8.2 ft)	c) GPS	1 x Simrad GN33, & 1 x Furuno GP30
Draft, Loaded	3 M (10 ft)	d) Echo Sounder	1 x Data Marine 2650 Kodiak
Displacement	275.32 Tons	e) Radar	1 x Simrad RA40 & 1 x Furuno 1942-Mark-2
GRT / NRT	288 86 Tons	f) GMDSS	1 x ICOM IC-GM1600
08. PERFORMANCE		g) Compass	1 x Magnetic Dirigo
Full Speed	11.5 knots	h) PA System	Yes
Cruising Speed	10 knots	i) Sat Phone	Yes
09. FUEL CONSUMPTION		j) EPIRB	1 x Jotron Tron-40S
Full Speed	91 litres / hr	18. DECK WINCH	20MT hyd, 15 MT pull min, single drum with 600m x 28mm wire, Powered by 117HP diesel/hyd pack on deck
Service Speed	81 litres / hr	19. DECK CRANE	Autogru PM 13021 – SWL max 500 kg @ 8.0 M
10. CARGO DECK		20. ACCOMMODATION	
Deck Area	20m (Length) x 7m (Width)	a) Seating	12 Passengers (upgradable to 24 pax)
Free Deck Space	137 M2	b) Cabins / Berths	6 Cabins / 16 berths + 2 open bunks
Deck Strength	2 Tons / m2	21. FIRE FIGHTING EQUIPMENT	
Deck Capacity	166 MT	a) Portable Fire Extinguisher	2 x Foam, 7 x DC & 6 x CO2
11. TANK CAPACITY		b) Fixed Fire Extinguisher	CO2 Engine room flooding system
Fuel Oil	175.312 ltrs	c) External Fire Fighting Pump	GM 8V-71
Fresh Water	7,191 ltrs	d) Fire Monitor (FiFi)	8" Deming, 1500 GPM, driven by GM 8V-71
Ballast Water	240,536 ltrs	22. LIFE SAVING APPLIANCES	As per SOLAS 74/78 and part of Registry requirements
Liquid Mud	16,877 ltrs	23. OTHER EQUIPMENT	
12. DECK PIPING CONNECTION		a) Liferrafts	2 x 20 men, 2 x 10 men & 2 x 25 men
a) Portable Water	1 male, 1 female camlock coupling	b) Manoverboard	2 x Signals
b) Fuel Oil	1 male, 1 female camlock coupling	c) Forward Deck Flood Light	1 x 1000 W
13. PUMPS		d) Aft Deck Flood Light	3 x 1000 W
G.S. / Fire Pump	1 x Barnes brand	14. ANCHORS	750 lbs stockless bower anchor
Emergency Fire Pump	1x Barnes brand	ANCHOR WINDLASS	Hydraulic
Portable Fire Pump	Lambarbini / Model 355 (3" trust pump)		
Other Pumps			

All data stated herein have complied with all possible care. However, no guarantee is given of the correctness hereof.