



**Nordic Maritime Pte Ltd**



**M.V. EMMA**

**SURVEY / RESEARCH UTILITY VESSEL**

**TECHNICAL SPECIFICATION**

Name of Vessel	: M.V. Emma	Builder	: Chung Wah Shipbuilding & Engineering, Hongkong
Type of Vessel	: Survey / Utility Vessel	Yard No.	: 161
Call Sign	: V 3 U V 9	Year Built	: November 1980
Classification	: Lloyds (100A1 LMC)	Flag	: Belize
Top Speed	: 9 knots	IMO No.	: 7728340

PRINCIPAL PARTICULARS		MACHINERY / PROPULSION	
Length O.A.	: 40.29 M	Propulsion	: 1 x Caterpillar D399
Breadth Moulded	: 10.55 M		: 1,125 BHP @ 1,200 RPM
Depth Moulded	: 5.450 M		: 1 x FPP with Kort Nozzles
Summer Draft (Max)	: 4.70 M	Aux Hydraulic Engine	: 1 x Caterpillar D353
			: 425 BHP @ 1,350 RPM
Gross Tonnage	: 450 Tons	Bow Thruster	: 1 x 100 HP Brunvoll
Net Tonnage	: 179 Tons	Generators	: 2 x Caterpillar 3306 @ 210 BHP
Deadweight	: 493 Tons		: 112 KVA/90KW 60Hz /220/110 volts
Free Deck Space	: 6 m x 10 m (60 m2)	Fresh Water Generator	: Ion Econoro 1000SW
Deck Loading	: About 1.4 ton / m2		: 20 tonnes/24 hours

CARGO / TANK CAPACITY		TOWING / ANCHOR HANDLING EQUIPMENT	
Fuel Oil	: 206 m3 (178 tonnes)	Anchors (Fwd)	: 2 x Hall Type, each 900 Kg x 180 meters x 30 mm chain
Fresh Water	: 180 m3	Anchor (Aft)	: 1 X Bruce Anchor x 260 Kg x 220 meters x 16 mm wire
Deck Cargo	: 85 tons	Windlasses (Fwd)	: 2 x Hydraulic 5 ton anchor windlass at 10 m/min
Cargo pump capacity	: Fuel oil at 60 m3 / hr at 40 m head	A- Frame	: 1 x Hydraulic A-Frame 5 ton SWL
Cold Storage	: Deep Freezer x 1 of 8 m3	Crane	: 1 x Hydraulic Crane with 2 tons @ 5m radius, 1 ton @ 9 m radius
	: Chiller x 1 of 12 m3	Winches	: 1 x Hydraulic Winch of 5 tons
			: 1 x Hydraulic Anchor Handling Winch of 5 tons at 10 m/min
Fuel Oil Consumption	: At 10 knots / 4.0 ton per day		: 1 x Electric Winch of 2 tons
	: At 9 knots / 3.0 tons per day		
	: At 7 knots / 1.5 ton per day		

ACCOMMODATION & LIFE SAVING EQUIPMENT		NAVIGATION / COMMUNICATION EQUIPMENT	
Bunks	: Total 24 Persons in 13 cabins of 6 x 1 man cabins 3 x 2 man cabins 4 x 3 man cabins	Echo Sounder	: 1 x Skipper ED 162
Dining Saloon	: Capacity for 18 persons/seating	Communications	: 1 x Satcom I Nera Saturn M
Equipment Room	: 1 x 15 M2 space with UPS		: 1 x Satcom II T&T GMP 2000M
Life Jackets	: Life Jackets and Survival Suits comply and above SOLAS rules		: 2 x Facsimile Machines
Life Rafts	: 2 each of 25 man capacity	Search Lights	: 2 x VHF SAILOR 25 watts
Rescue Boat	: 1 x MOB c/w 40 HP Outboard Motor under 750 kg SWL Elec Driven Davit (Freefall)		: 2 x NAVTEX Navigation Warning Receiver
		Public Address	: 1 x Distress Receiver
Work Boat / Rescue Boat	: 1 x Work/Rescue Boat c/w 40 HP Outboard Motor under 1.0 ton SWL Hydraulic HIAB Crane	Radars	: 3 X FRANCIS M19
		GPS	: 1 X TOA-IC
			: 1 X FURUNO FR15 MARK-3
			: 1 X SIMRAD RA41
			: 1 x SIMRAD CP40 DGPS
			: Chartplotter
			: 1 x KODEN KGP98

*All particulars presented are believed to be accurate but given entirely without warranty. Interested parties are advised to verify details through inspections.*