

# SM MELATI

## FAST CREW BOAT



### PRINCIPAL PARTICULARS

Year Built	2010
Port of Registry	Port Kelang
Flag	Malaysia
Call Sign	
Official No.	
IMO No.	
Classification	Bureau Veritas (BV)

### DIMENSIONS

Length Overall	40.50 meter
Breadth	7.50 meter
Depth Moulded	3.65 meter
Maximum Draft	1.8 meter
Displacement	223.81 ton
Gross Tonnage	251 ton
Net Tonnage	75 ton
Dead Weight	112.98 ton
Lightship Weight	110.82 ton

### CARGO CAPACITIES

Deck Cargo	109.9 tons
Deck Strength	1.5 ton/m <sup>2</sup>
Clear Deck Area	18.60 x 6.11 meter
Cargo Deck Space	11.99 x 6.11 meter
Fuel Oil	99.99 m <sup>3</sup>
Fresh Water	20.43 m <sup>3</sup>

### MACHINERY & PROPULSION

Main Engine	3 x 1100 hp / 2300 rpm Caterpillar 3412E
Auxiliary Engine	2 x 126 hp / 1500 rpm Caterpillar C4.4 DITA
Propulsion	3 x 4 blade propeller Mikado
Shaft	3 nos with 2 nos intermediate shaft
Rudder	2 x stainless steel SS-316L
Bow Thruster	1 x 1500 rpm Global Thruster
Speed 100% MCR	22 knots
Speed 85% MCR	20 knots
Fuel Consumption	M/E : 3 x 220 liter/hour @ 100% full speed A/E : 2 x 25 liter/hour

### ACCOMMODATION

1 men berth	2 cabins = 2 men
4 men berth	3 cabins = 12 men
Passenger	52 seat
Accommodation with split unit air-conditioned	

### OTHER FACILITIES

Hospital	1 x 1 bed c/w standard clinic equipment
Washroom / toilet	3 rooms
Laundry	1 room
Galley	1 room
Mess room	1 room

### RADIO & NAVIGATIONAL EQUIPMENT

Radar X-Band	2 x JRC JMA 5208H-4 ft
Wind System	1 x Alphanon WSO 100
Echo Sounder	1 x Alphanon DST 505
Auto Pilot	1 x Alphanon Alphasea Pilot MFC
GPS	1 x JRC JLR-7500
AIS	1 x JRC JHS-182
Magnetic Compass	1 x Cassens & Path T12
Heading Sensor	1 x Airmar H2183
VHF/DSC	3 x Sailor RT 5022
MF/HF Radio Transceiver	1 x Sailor CU5100
NAVTEX	1 x Sailor NCR-333
Intercom	1 x Alphanon Alphacall MF
CCTV	1 x Alphanon Alpha Cam
Conning	1 x Alphanon Alpha Con MH3
Alarm System	1 x Alphanon Alpha Guard
Satellite Telephone	1 x Sailor Fleet 33+
Marine Horn	1 x Marco Marine Horn
VHF Handy Talky	2 x Icom VHF Marine Transceiver
GMDSS	1 x Sailor 3520

### FIRE FIGHTING & SURVIVAL EQUIPMENT

Fire Monitor	2 x Merry weather Dual Purpose Monitor
Fire Fighting Pump	1 x 1185 rpm; 1138 m <sup>3</sup> /h @ 82.3m head
Emergency Fire Pump	1 unit ( Portable )
CO2 System	2 bottle
ABC Dry Powder 4.5kg	5 bottle
Water AFF 9ltr	5 bottle
Foam AFF 45ltr	1 bottle
Fireman Protective Suit	2 units
Breathing Apparatus	2 units
Fire Blanket	1 unit
Fire Box c/w hose & nozzle	5 station
Fire Axe	2 units
Smoke Detector	20 units
Thermal Detector	6 units
Gas Detector	2 units portable
Life Raft	2 x 65 and 2 x 30 person
Life Jacket	79 units c/w light & whistle
Life Buoy	10 units
Portable Eye Wash	1 unit
EEBD	1 unit
Stretcher	1 unit
Portable O2 Resuscitator	1 bottle
Work Vest	12 units
Pyrotechnic	6 x parachute flares 12 x hand flares 2 x smoke signals 2 x line throwing apparatus
SART	1 unit
EPIRB	1 unit
Provision Crane	1 x Palfinger Marine (max lifting capacity 990 kg)
Inflatable Boat	1 x 6 persons
Scrambling Net	2 units