



## 35M UTILITY / FAST CREW BOAT TECHNICAL SPECIFICATION

ITEM	SPECIFICATION	ITEM	SPECIFICATION
<b>1 VESSEL NAME</b>	MS Setia	<b>14 PROPULSION / MACHINERY</b>	
<b>2 VESSEL TYPE</b>	Triple Screw, Aluminium	a) Main Engine, BHP	KTA50-M2 1700HP@1800RPM
<b>3 CLASSIFICATION</b>	ABS	b) Reduction Gear	TWIN DICSC MG 6848 SC
<b>4 PORT / FLAG REGISTRY</b>	Muara	c) Propeller	1195mm x 1530mm, 4 4 bladed cast (Bronze Fixed Pitch)
<b>5 IMO no. and CALL SIGN</b>	9327700 & V8V2044	d) Rudders	2 x S.S. 316 rudder blade
<b>6 YEAR BUILT</b>	2004	e) Bow Thruster	4BT3.9-M 130HP@2500RPM
<b>7 MAIN CHARACTERISTICS</b>		<b>15 GENERATORS</b>	Model: 3054T
Length Overall	31.30m		60KW 415V/3PH/50Hz
Beam	7.60m	<b>16 NAVIGATIONAL &amp; COMMUNICATION EQUIPMENT</b>	
Depth	3.51m	a) Radios	
Draft, Light	1.25m	VHF fixed	2 x Sailor RT-2048
Draft, Loaded	1.60m	SSB	Furuno FS-1503
Displacement	117 tons	b) Gyro Compass	Robertson RGC-11
GRT / NRT	214 / 64	c) Radar #1	Furuno 1942 64nm
<b>8 PERFORMANCE</b>		d) Radar #2	Furuno 1832 36nm
Full Speed	30 knots	e) Depth Sounder	Datamarine 3001
Cruising Speed	25 knots	f) G.P.S	Furuno GP-32
<b>9 FUEL CONSUMPTION</b>		g) F & A Control Stations:	Yes
Full Speed	981 litres / h	h) P.A. Systems:	Vingtor or Phontech
Service Speed	535 litres / h	<b>17 DECK EQUIPMENT</b>	
<b>10 CARGO DECK</b>		Bow Anchor Winches	Hydraulic Type HHAW 15-32"
Cargo Deck Space	70m <sup>2</sup>	Anchor / Wire Size / Length	230kg / 18mm / 2315m
Deck Strength	1500kg / m <sup>2</sup>	Dispersant System	Off Centre Flat Spray Nozzle
Deck Capacity	1.5m <sup>2</sup>		Discharge Rate
<b>11 TANK CAPACITY</b>			182 litres / min at 4 bar x 2
Fuel Oil	62.57m <sup>3</sup>	<b>18 ACCOMMODATION</b>	
Fresh Water	6.87m <sup>3</sup>	Total Bunks	8
Ballast Water	18.9m <sup>3</sup>	Cabins	4
<b>12 FUEL / WATER CONNECTION</b>		Seating Capacity	50
a) Portable Water	4" CAMLOCK	Total Capacity	50 pax + 8 crews
b) Fuel Oil	4" CAMLOCK	<b>20 LIFE SAVING APPLIANCES</b>	As per SOLAS 74/78 and part of Registry requirement
<b>13 PUMPS</b>		<b>21 OTHER EQUIPMENT</b>	
G.S. / Fire Pump	35m <sup>3</sup> /h x 50m, RPM: 2925	a) Liferafts / Life Jackets	6 x 25 men / 114 units
Bilge / Ballast Pump	35m <sup>3</sup> /h x 50m, RPM: 2925	b) IMDG	Comply
Fuel Oil Transfer Pump	3m <sup>3</sup> /h x 20m, 1420 RPM	c) Forward Deck Flood Light	1 x 1000 W
Fresh Water Transfer Pump	MYERS HC2 - 75	d) Aft Deck Flood Light	2 x 1000W
Emergency Fire Pump	30m <sup>3</sup> /hr x 30m, Yanmar		