



**DESB MARINE SERVICES**  
**SDN BHD.**

**PROVIDING SERVICES TO THE  
MARINE/OFFSHORE INDUSTRIES**

**M.V. "DAYANG PERTAMA"  
75M MAINTENANCE / WORK VESSEL**

**TECHNICAL SPECIFICATIONS**

No	Item	Specification	No	Item	Specification
01	<b>Vessel Name</b>	MV Dayang Pertama	18	<b>Propulsion Machineries</b>	
02	<b>Type of Vessel</b>	Maintenance/WorkVessel	a)	Main Engines	2 x Caterpillar 3516 BTA each of 2100 BHP
03	<b>Call Sign</b>	9WGA6	b)	Marine Gearbox	2 x Twindisc MG5600
04	<b>Plying Limit</b>	Near Coastal	c)	Propeller	2 x Mg bronze fixed pitch propellers.
05	<b>Classification</b>	American Bureau of Shipping	d)	Bow Thruster	1 x HRP (FPP) tunnel unit of 8 Ton thruster.
06	<b>Class</b>	ABS + A1 + AMS Offshore Support Vessel	19	<b>Navigation &amp; Communication Equipments</b>	
07	<b>Port Of Registry</b>	Kuching	a)	GMDSS	Raytheon Compact Radio – Area 3
08	<b>Flags</b>	Malaysia	b)	Gyro Compass	1 x Anschuetz STD 22 G/GM.
09	<b>Horse Power</b>	2 x 2100 BHP (3132Kw)	c)	Radar	2 x Raytheon NSC 25/ NSC 18.
10	<b>Cruising Speed</b>	10 Knots at 90% MCR	d)	Echo sounder	1 x Furuno FE700.
11	<b>Endurance</b>	28 days/5000NM range.	e)	SART	2 x SART
12	<b>Fuel Consumption</b>		f)	EPIRB	1 x EPIRB SM511
	Cruising Speed	700 Litres/hour	g)	Navtex Receiver	1 x Navtex AE900.
	Generator	100 Litres/hour	h)	Autopilot	1 x Anschuetz Pilotstar D.
13	<b>Main Characteristics</b>		i)	Speed Log	1 x Walker 4040 MK2.
	L.O.A	75.00 M	j)	GPS Plotter	1 x Furuno GPS GP90.
	Breath Moulded	20.00 M	k)	AIS	1 x Furuno AIS FA100.
	Depth Moulded	6.50 M	l)	Magnetic Compass	1 x Soura M150.
	Max Draft	5.00 M	20	<b>Accommodation</b>	Fully air conditioning total 165 berths, 1 x hospital, 1 x conference room, 1 x recreation room & 5 x offices
	Deck Strength	5 MT/sq m	21	<b>Fire Fighting Equipments</b>	
	Clear Deck space	Approx. 700 sq. m	a)	External Fire Pump	1 x 300 cu m/hr @ 10-12 bar
	Deck Cargo	400 MT	b)	Fire Monitor	2 x 150 cu m/hr @ 10-12 bar
	Deadweight	2900 Tonnes	c)	Fire Extinguish System	Fixed Co2 system for Engine Room, Bow Thruster room & Paint Store.
14	<b>Capacity</b>		d)	Sprinkler system	As per Classification's & SOLAS requirements
	Fuel Oil	575 cu.m	e)	Fire Hydrants and Extinguishers	As per Classification's & SOLAS requirements
	Fresh Water	1057 cu.m	22	<b>Life Saving Appliances</b>	As per SOLAS 74/78, Port of Registry and Classification's requirements.
	SWB/FW	484 cu.m	23	<b>Other Equipments.</b>	
	Lub Oil Storage	17 cu.m	a)	Life Rafts	20 x 25 men located port & stbd LFC deck
	Sewage holding tank	16 cu.m	b)	Rescue Boat	1 x 6 men Rigid c/w davit & 40 HP outboard engine.
	Dirty Oil tank	18 cu.m	c)	Manoverboard	2 x Comet.
	Hydraulic Oil Tank	19 cu.m	d)	Deck flood light	16 x 100 W deck flood lights
	Water Maker (RO)	2 x 35 Tons/day	e)	Compressor	2 x 5kW electric driven 1 x Garbage Compactor
15	<b>Auxiliaries</b>	3 x Cummins Main Genset 360KW/415V3Ph/50Hz. 1 x Cummins Emergency Genset 150KW/415V/3Ph/50Hz.	f)	Sewage Treatment	2 x Il Seung
16	<b>Pumps</b>		24	<b>Owner</b>	DESB Marine Services Sdn. Bhd.
	Bilges & Ballast Pump	2 x 75M3/hr at 45M	25	<b>Designer</b>	Conan Wu &Associate Pte Ltd.
	Ballast/Fire pump	1 x 170M3/hr at 105M	26	<b>GRT/NRT</b>	3387/ 1016
	General Service Pump	1 x 170M3/hr at 105M	27	<b>Year Build</b>	2005
	Fuel Transfer Pumps	1 x 15M3/hr at 18M & 1 x 50M3/hr at 57M	28	<b>Yard</b>	Shin Yang Shipyard Sdn. Bhd. Miri, Sarawak
	Fresh Water Pump	1 x 60M3/hr at 45M	29	<b>Registered</b>	2005-Kuching
	Emergency fire pump	1 x 35M3/hr at 45M	30	<b>Official Number</b>	329706
17	<b>Deck Machineries</b>		31	<b>Imo No.</b>	9318589
	Capstans	2 x 5 MT hydraulic capstans			
	4-point Mooring	4 x single drum c/w auto spooling. 40T @ 1 <sup>st</sup> layer w/ 38mm dia x 1200 wire rope, fitted with four (4) x 4000kgs Delta flipper anchors			
	Deck Crane	1 x Favelle Favco model 6/10K Lattice Boom Type offshore marine crane accordance to API 2C, SWL 25T.			

**Particulars Are Correct At The Time Of Printing**

