



DESB MARINE SERVICES
SDN BHD.

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

M.V. "DAYANG BERLIAN"
75M MAINTENANCE / WORK VESSEL

TECHNICAL SPECIFICATIONS

No	Item	Specification	No	Item	Specification
01	Vessel Name	New Built	18	Propulsion Machineries	
02	Type of Vessel	Maintenance/ WorkVessel	a)	Main Engines	2 x CUMMIN each of 1800 BHP
03	Call Sign	9WGQ5	b)	Marine Gearbox	2 x Twindisc MG5600
04	Plying Limit	Near Coastal	c)	Propeller	2 x Mg bronze fixed pitch propellers.
05	Classification	American Bureau of Shipping	d)	Bow Thruster	1 x HRP (FPP) tunnel unit of 8 Ton thruster.
06	Class	ABS + A1 + AMS Offshore Support Vessel	19	Navigation & Communication Equipments.	
07	Port Of Registry	Kuching	a)	GMDSS	Furuno Radio – Area 3
08	Flags	Malaysia	b)	Gyro Compass	1 x Tokimec.
09	Horse Power	2 x 1800 BHP	c)	Radar	2 x Furuno
10	Cruising Speed	10 Knots at 90% MCR	d)	Echo sounder	1 x Furuno FE700.
11	Endurance	28 days/5000NM range.	e)	SART	2 x SART.
12	Fuel Consumption		f)	EPIRB	1 x EPIRB SM511.
	Cruising Speed	approx. 500 Litres/hour	g)	Navtex Receiver	1 x Navtex AE900.
	Generator	approx 100 Litres/hour	h)	Autopilot	1 x Anschuetz Pilotstar D.
13	Main Characteristics		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	Accommodation	Fully air conditioning total 189 berths, 1 x hospital, 1 x conference room, 1 x recreation room & 5 x offices
	Deck Strength	5 MT/sq m	21	Fire Fighting Equipments.	
	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	3475.56 Tonnes at 5.2m draft	c)	Fire Extinguish System	Fixed Co2 system for Engine Room, Bow thruster room & Paint Store.
14	Capacity		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	Life Saving Appliances.	As per SOLAS 74/78 and amendment, Port of Registry and Classification's requirements.
	SWB/FW	484 cu.m	23	Other Equipments.	
	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 400 W deck flood lights
	Water Maker (RO)	2 x 35 Tons/day	e)	Compressor	2 x 5kW electric driven
15	Auxiliaries	3 x Cummins Main Genset 360KW /415V/Ph/ 50Hz. 1 x Cummins Emergency Genset 150KW /415V/ 3Ph/ 50Hz.	f)	Sewage Treatment	2 x II Seung
16	Pumps		g)	Others	1 x Garbage Compactor
	Bilges & Ballast Pump	2 x 75M3/hr at 45M	24	Owner	DESB Marine Services Sdn Bhd. Conan Wu & Associates Pte Ltd.
	Ballast/Fire pump	1 x 170M3/hr at 105M	25		3387/ 1016
	General Service Pump	1 x 170M3/hr at 105M	26	GRT / NRT	Jan 2007
	Fuel Transfer Pumps	1 x 15M3/hr at 18M & 1 x 50M3/hr at 57M	27	Year Build	238 – Shin Yang Shipyard Sdn Bhd, Miri Sarawak.
	Fresh Water Pump	1 x 60M3/hr at 45M	28	Yard	Kuching
	Emergency fire pump	1 x 35M3/hr at 45M	29	Registered	330741
17	Deck Machineries		30	Official Number	9396608
	Capstans	2 x 5 MT hydraulic capstans	31	IMO No.	
	4-point Mooring	4 x single drum c/w auto spooling. 40T @ 1 st layer w/ 38mm dia x 1200 wire rope, fitted with four (4) x 4000kgs Delta flipper anchors			
	Deck Crane	1 x Faville Favco model 6/10K Lattice Boom Type offshore marine crane accordance to API 2C, SWL 25T.			

Particulars Are Correct At The Time Of Printing

