



**DESB MARINE SERVICES
SDN BHD.**

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

**LCT "DAYANG CEMPAKA"
46M SUPPLY BOAT/ LANDING CRAFT**

TECHNICAL SPECIFICATIONS

<u>No</u>	<u>Item</u>	<u>Specification</u>	<u>No</u>	<u>Item</u>	<u>Specification</u>
01.	Vessel Name	MV Dayang Cempaka	18	Propulsion Machineries	
02	Type of Vessel	Supply Boat/ Landing Craft	a)	Main Engines	2 x Cummin KTA19-M3.
03	Call Sign	9WLJ3	b)	Marine Gearbox	2 x Twin Disc MG 5222-DC
04	Plying Limit	Near Coastal	c)	Propeller	2 x Mg bronze fixed pitch propellers.
05	Classification	Bureau Veritas.	d)	Bow Thruster	1 x Cummin NTA855-M350 @3.5 Ton Thrust.
06	Class	1 + HULL •MACH Deck Ship Unrestricted navigation	19	Navigation & Communication Equipments.	
07	Port Of Registry	Kuching	a)	GMDSS	Furuno GMDSS - Area 1 & 2
08	Flags	Malaysia	b)	Satellite Compass	1 x Furuno SC-50
09	Horse Power	2 x 640 BHP (955Kw)	c)	Radar	1 x Furuno FAR2117
10	Cruising Speed	10 Knots at 1600 rpm (85% MCR)	d)	Echo sounder	1 x Furuno F1932 MK2
11			e)	SART	1 x Furuno FE700.
12	Fuel Consumption		f)	EPIRB	1 x ACR Pathfinder 3.
	Cruising Speed	180 Litres/hour at 1600 rpm	g)	Navtex Receiver	1 x EPIRB GME MT4033FF.
	Generator	16.7 Litres/hour at 75% load	h)	Autopilot	1 x Navtex NX700B.
13	Main Characteristics.	46.00 M	i)	Speed Log	1 x Furuno Navpilot-700.
	L.O.A	10.90 M	j)	GPS Plotter	1 x Thomas Walker P282.
	Breath Moulded	3.20 M	k)	AIS	1 x Furuno GP150.
	Depth Moulded	2.50 M	l)	Magnetic Compass	1 x Furuno AIS FA150.
	Max Draft	5 MT/sq m	20	Accommodation	Fully air conditioning total 14 berths, 1 x Saloon Office, 1 x mess room, 2 x common toilet & 1 x Conference Room
	Deck Strength	Approx. 230 sq. m	21	Fire Fighting Equipments.	
	Clear Deck space	330 MT	a)	Fire hydrant	7 x hydrant c/w 15M hoses and nozzles.
	Deck Cargo	444.04 Tonnes at 2.50m draft	b)	Potable fire pumps	1 x DP3C-4 Pump at 50m ³ /hr
	Deadweight		c)	Fire Extinguish system	Fixed Co2 system for Engine Room ,
14	Capacity	386 cu.m	d)	Fire Hydrants and Extinguishers	As per Classification's & SOLAS requirements
	Fuel Oil	178 cu.m	22	Life Saving Appliances.	As per SOLAS 74/78 and amendments, Port of Registry and Classification's requirements.
	Fresh Water	161 cu.m	23	Other Equipments.	
	SWB/FW	3 cu m	a)	Life Rafts	2 x 15 men located port & stbd wheelhouse deck
	Lub Oil Storage	3 cu. m	b)	Rescue Boat	1 x 6 men Rigid type c/w davit 14 kN SWL & 25 HP outboard engine.
	Dirty Oil tank		c)	Manoverboard	2 x Comet MOB.
15	Auxiliaries	2 x Cummins 6BT5.9-D(M) Main Genset 80KW at 1500rpm.	d)	Deck flood light	2 x 1000W deck flood lights 2 fwd and aft. 2 x 400W deck flood lights 2 fwd and aft
16	Pumps		e)	Sewage Treatment	1 x Changwon SC1125CE @ 0.75m ³ /day
	Bilges & Ballast Pump	1 x Desmi 40M@30m ³ /hr	f)	Others	1 x waste food grinder
	Ballast/ Fire pump	1 x Desmi 40M@40m ³ /hr	24	Owner	DESB Marine Services Sdn Bhd.
	Dirty Oil pump	1 x ITUR 20M@5m ³ /hr	25	Designer	Wartsilla Ship Design
	Fuel Transfer Pumps	1 x ITUR with 5M@5m ³ /hr. 1 x Desmi 60m@60m ³ /hr	26	GRT/ NRT	490/147
	Fresh Water Pump	1 x Desmi S80 with 60M@50m ³ /hr	27	Year Build	2011
17	Deck Machineries		28	Yard	Piasau Shipyard Sdn Bhd, Miri Sarawak.
	Anchor winch	2 x hydraulic winch c/w 1000 kg bower anchor and 13 shackles of anchor chain P/S.	29	Registered	Kuching
			30	Official Number	333395
			31	IMO No.	9607899

Particulars Given In Good Faith And Are Believe To Be Correct But Not Guaranteed At The Time Of Printing

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