



DESB MARINE SERVICES

SDN. BHD.

PROVIDING SERVICES TO THE
MARINE/OFFSHORE INDUSTRIES

LCT "DAYANG CEMPAKA"

46M SUPPLY BOAT/ LANDING CRAFT

TECHNICAL SPECIFICATIONS

No	Item	Specification	No	Item	Specification
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	I + 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)	Furuno FE700.	1 x Furuno FE700.
12	Fuel Consumption		f)	SART	1 x ACR Pathfinder 3.
	Cruising Speed	180 Litres/hour at 1600 rpm	g)	EPIRB	1 x EPIRB GME MT4033FF.
	Generator	16.7 Litres/hour at 75% load	h)	Navtex Receiver	1 x Navtex NX700B.
13	Main Characteristics.	46.00 M	i)	Autopilot	1 x Furuno Navpilot-700.
	L.O.A	10.90 M	j)	Speed Log	1 x Thomas Walker P282.
	Breath Moulded	3.20 M	k)	GPS Plotter	1 x Furuno GP150.
	Depth Moulded	2.50 M	l)	AIS	1 x Furuno AIS FA150.
	Max Draft	5 MT/sq m		Magnetic Compass	1 x Daiko Keiki Seisakusho.
	Deck Strength	Approx. 230 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
	Clear Deck space	330 MT	21	Fire Fighting Equipments.	
	Deck Cargo	444.04 Tonnes at 2.50m draft	a)	Fire hydrant	7 x hydrant c/w 15M hoses and nozzles.
	Deadweight		b)	Potable fire pumps	1 x DP3C-4 Pump at 50m3/hr
14	Capacity	386 cu.m	c)	Fire Extinguish system	Fixed Co2 system for Engine Room ,
	Fuel Oil	178 cu.m	d)	Fire Hydrants and Extinguishers	As per Classification's & SOLAS requirements
	Fresh Water	161 cu.m	22	Life Saving Appliances.	As per SOLAS 74/78 and amendments, Port of Registry and Classification's requirements.
	SWB/FW	3 cu m	23	Other Equipments.	
	Lub Oil Storage	3 cu. m	a)	Life Rafts	2 x 15 men located port & stbd wheelhouse deck
	Dirty Oil tank		b)	Rescue Boat	1 x 6 men Rigid type c/w davit 14 kN SWL & 25 HP outboard engine.
15	Auxiliaries	2 x Cummins 6BT5.9-D(M) Main Genset 80KW at 1500rpm.	c)	Manoverboard	2 x Comet MOB.
16	Pumps		d)	Deck flood light	2 x 1000W deck flood lights 2 fwd and aft. 2 x 400W deck flood lights 2 fwd and aft
	Bilges & Ballast Pump	1 x Desmi 40M@30m3/hr	e)	Sewage Treatment	1 x Changwon SC1125CE @ 0.75m3/day
	Ballast/ Fire pump	1 x Desmi 40M@40m3/hr	f)	Others	1 x waste food grinder
	Dirty Oil pump	1 x ITUR 20M@5m3/hr	24	Owner	DESB Marine Services Sdn Bhd.
	Fuel Transfer Pumps	1 x ITUR with 5M@5m3/hr. 1 x Desmi 60m@60m3/hr	25	Designer	Wartsilla Ship Design
	Fresh Water Pump	1 x Desmi S80 with 60M@50m3/hr	26	GRT/ NRT	490/147
17	Deck Machineries		27	Year Build	2011
	Anchor winch	2 x hydraulic winch c/w 1000 kg bower anchor and 13 shackles of anchor chain P/S.	28	Yard	Piasau Shipyard Sdn Bhd, Miri Sarawak.
			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

