



DESB MARINE SERVICES

SDN. BHD.

PROVIDING SERVICES TO THE
MARINE/OFFSHORE INDUSTRIES



M.V. "DAYANG NILAM"

55M MAINTENANCE / WORK VESSEL


TECHNICAL SPECIFICATIONS

No	Item	Specification	No	Item	Specification
01.	Vessel Name	DAYANG NILAM	17	Navigation & Communication Equipments.	Icom GM1600F
02	Type of Vessel	Maintenance/ WorkVessel	a)	GMDSS	1 x Tokimec TG8000.
03	Call Sign	9WAU4	b)	Gyro Compass	2 x Furuno FAR-2117.
04	Plying Limit	Near Coastal	c)	Radar	1 x JMC F2000.
05	Classification	Lloyds Register	d)	Echo sounder	2 x ACR Mk3.
06	Class		e)	SART	1 x Saracom EB-10.
07	Port Of Registry	Kuching	f)	EPIRB	1 x Furuno NX-700.
08	Flags	Malaysia	g)	Navtex Receiver	1 x Simrad AP-50
09	Horse Power	2 x 800 BHP	h)	Autopilot	Ben Marine.
10	Endurance	28 days/ 5000NM range.	i)	Speed Log	1 x GP-150.
11	Fuel Consumption		j)	GPS Plotter	1 x Furuno GPS GP90..
	Cruising Speed	approx. 200 Litres/hour	k)	AIS	1
	Generator	approx. 34 Litre/hour	l)	Magnetic Compas	
12	Main Characteristics.		18	Accommodation	Fully air conditioning total 80 berths, 1 x hospital, 1 x recreation room & 1 office
	L.O.A	55.00 M	19	Fire Fighting Equipments.	
	Breath Moulded	15.00 M	a)	Fire Extinguish system	Fixed Co2 system for Engine Room, Bow thruster room & Paint Store.
	Depth Moulded	4.60 M	b)	Fire Hydrants and Extinguishers	As per Classification's & SOLAS requirements
	Max Draft	3.60 M	20	Life Saving Appliances.	As per SOLAS 74/78 and amendments, Port of Registry and Classification's requirements.
	Deck Strength	5 MT/sq m	21	Other Equipments.	
	Clear Deck space	Approx. 375 sq.	a)	Rescue Boat	1 x 6 men Rigid type c/w davit & 40 HP outboard
	Deadweight	1956.28 Tonnes	b)	Compressor	1 x 5kW electric driven
13	Capacity	344.7 cu.m	c)	Sewage Treatment	1 x ISS-85B
	Fuel Oil	595 cu.m	22	Owner	DESB Marine Services Sdn Bhd.
	Fresh Water	356 cu.m		GRT/NRT	1158/347
	Water Maker	Enwa 20 Ton/day		Year Build	1993 (Refurbished in 2008,2014)
14	Machinery			Registered	Kuching.
	Main Engine	2 x Yanmar 6N-165EN@800BHP/1400rpm		Official Number	332944
	Gen Sets	3 x Caterpillar 3406 @200KW		IMO No.	8875281
	Emergency Gen Set	1 x Caterpillar 3304 @80KW.			
	Propeller	2 x Fixed Pitech			
	Bow Thruster	Thrustmaster 3t			
15	Cargo discharge Pumps				
	Fuel oil	1x 60M3/hr @60m Head			
	Ballast/ Fire pump	1 x 50M3/hr @60m Head			
	Potrable water	1 x 35M3/hr@60m Head			
16	Deck Machineries				
	Capstans	2 x 5 MT			
	4-point Mooring	4 x single drum JADEN 32mm dia x 2500ft wire rope, fitted with four (4) x 2500kgs Delta flipper anchors			
	Deck Crane	1 x Bucyrus Erie MK35 97ft Lattice Boom Type offshore marine crane accordance to API 2C, SWL 16.5t			

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

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NO. 1111

GENERAL ARRANGEMENT	
NO.	1111
DATE	11-25-44
BY	W. H. ...
CHECKED BY	...
APPROVED	...
 UNITED STATES MARITIME ADMINISTRATION WASHINGTON, D. C. DEPARTMENT OF COMMERCE MARINE ENGINEERING DIVISION	

