

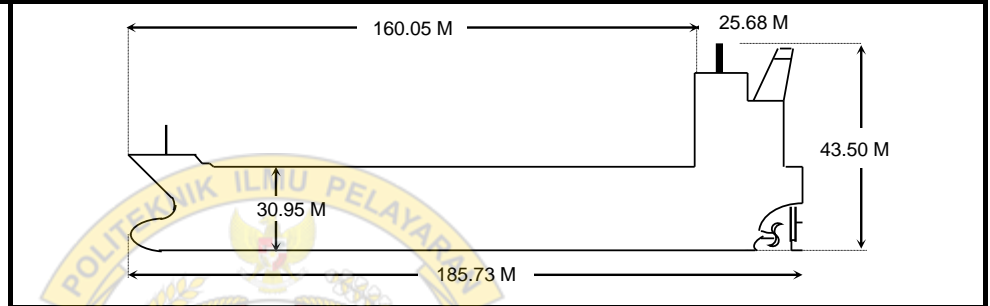


PT. KARYA SUMBER ENERGY SHIP'S PARTICULARS

NAME	MV DK 02	KEEL LAID	06-Sep-97	SATELLITE COMMUNICATION	
CALL SIGN	Y B K H 2	LAUNCHED	05 JANUARI 1998	INM-C 452502595	
FLAG	INDONESIA	DELIVERED	27 FEBRUARI 1998	E-MAIL	
PORT OF REGISTRY	TANJUNG PRIOK	SHIPYARD	OSHIMA SHIPBUILDING COMPANY LTD NAGASAKI JEPANG	PHONE	870773189557
OFFICIAL NUMBER				FAX	870783188070
IMO NUMBER	9154555			TELEX	437155410 GODA
CLASS SOCIETY	BKI & DNV-GL			MMSI	371554000
CLASSIFICATION CHARACTER	SM			EX. NAME	VOC DAISY
P & I CLUB	RAETS MARINE MARINE INSURANCE BV			CS / FLAG	PANAMA

OWNERS	KYK LINES	
OPERATORS	PT KARYA SUMBER ENERGY, JL KALI BESAR BARAT NO 37 JAKARTA BARAT - 11230 INDONESIA +62216910382, PIC SUHAFRINAL, MOBILE PHONE +6281381699009, EMAIL suha@indoshipping.com, dpa.kse1@gmail.com	TLP

PRINCIPAL DIMENSIONS	
LOA	185.73 M
LBP	177.00 M
BREADTH	30.95 M
DEPTH (molded)	16.40 M
HEIGHT (maximum)	43.50 M
BRIDGE FRONT - BOW	160.05 M
BRIDGE FRONT - STERN	25.68 M



TONNAGE	
NET	16.061 MT
GROSS	25.807 MT
GROSS Reduced (R'n:13495)	NA

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL FRESH	4.145 M	12.290 M	48.406 MT
FRESH	4.390 M	12.045 M	47.188 MT
TROPICAL	4.413 M	12.022 M	48.428 MT
SUMMER	4.658 M	11.777 M	47.183 MT
WINTER	4.903 M	11.532 M	45.941 MT
LIGHT SHIP T= 7,131 MT			

TANK CAPACITIES (cbm)					
CARGO HOLD CAPACITY				BLST TKS (100 %)	
GRAIN (M3)	BALE (M3)		F.P.Tk.		
NO 1	8,383 M3	NO 1	8,218 M3	NO.1P/S	1,839 M3
NO 2	10,725 M3	NO 2	10,515 M3	NO.2P/S	2,718 M3
NO 3	10,728 M3	NO 3	10,520 M3	NO.3P/S	2,276 M3
NO 4	9,372 M3	NO 4	9,147 M3	NO.4P/S	1,927 M3
NO 5	10,650 M3	NO 5	10,443 M3	NO.5P/S	2,024 M3
NO 6	9,186 M3	NO 6	9,008 M3	NO.6P/S	1,867.8 M3
				APT	561.9 M3
				NO 4 CH	9,327 M3
TOTAL	59.044	TOTAL	57.851	TOTAL	23.218

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	DU-SULZER 6RTA48T: 1 SET
M.C.O	9,620 PS X 108 RPM
NCR	8,175 PS X 102.3 RPM
Consumption	22.00 mt/day ballast
MAX CRITICAL RANGE	53 - 64 RPM
AUX. BOILER TYPE	COMPOSITE BOILER TYPE
GENERATOR (3 sets)	Daihatsu engine 3 x 600 kw 100/440V 60HZ a.c
EMER D.G.	1 X 64 KW @ 1800 RPM
PROPELLER	4 BLADE SOLID HSP, D = 6,100 MM
RUDDER	Streamlined Marine Type

BUNKER TANKS	
1 FO TK	261 M3
2 FO TK	498 M3
3 FO TK	538 M3
4 FO TK	367 M3
FO SETT TK	18.7 M3
FO SERV	18.2 M3
TOTAL	1,702 M3
DO TK	148.2 M3
DO SERV	5.6 M3
TOTAL	153.8 M3

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	2		10 T X 15 M/MIN
MRG Ropes	6		68 MM X 220 M
Winch BHC			
WINDLASS	2	N/A	22.4 T X 9 M/MIN
FIRE WIRE			
ANCHOR	2	N/A	STOCKLESS 5,850 KG X 2
EMG. TOWING			

BALLAST PUMPING SYSTEM				
MAIN PUMPS	NO.	CAPACITY	HEAD	RPM
BALLAST PUMP	1	1000 M³	20 M	1200

LIFE BOATS	
2 x 28 Persons	
MAKER	
Shigi Co.Ltd	
Totally enclosed	

FIRE FIGHTING SYSTEM	
E/RM	CO2 Fire Extinguishing Sytem & poertable foam
CARGO/ DK AREA	FIRE HYDRANT

LUBE OIL TANK M3	
NO 1 CYL TK	16.2 M3
NO 2 CYL TK	19.3 M3
G/E LO SETT TK	1.6 M3
G/E LO STOR TK	2.4 M3
TOTAL	39.5 M3

CRANES	
4 X 30 T SWL	

MASTER: CAPT. AGUS SUSANTO

