

LAMPIRAN 7



Kedaaan *Mooring wire* yang sudah menguning dan timbul karat

LAMPIRAN 4



中国船级社 证书格式号/Form: W01.01-
CHINA CLASSIFICATION SOCIETY HQ002063

工厂认可证书

CERTIFICATE OF WIRES ROPE

证书编号/Certificate No. QH12W00011

兹证明本证书所述制造厂具备按照下列标准的要求生产本证书所列产品的能力和条件。
This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products as described in the certificate.

制造厂/Manufacturer

巨力索具股份有限公司
JULI SLING CO.,LTD.
中国河北省保定市徐水县巨力路
Juli Road, Xushui County, Baoding City, Hebei, P.R.C

认可产品/ Product Approved

绳索/索具
ROPE/WIRE
索具
WIRE
Dia. 34 mm. Length 250 m. MBL. 82 t. Galvanized wire

认可标准/ Approval Standard

1.中国船级社《船舶与海上设施起重设备规范》(2007), 第5、6、7章
Chapter 5, 6, 7, CCS Rules for Lifting Appliances of Ships and Offshore Installations, 2007

证书有效期至/ This Certificate is valid until 2016年7月2日 / Jul. 2, 2016

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Issued by **CCS Qinhuangdao Branch** Date **Aug. 23, 2011**

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Sertifikat Mooring Wire Kapal MT. SC. Warrior L

LAMPIRAN 5

HARI			PASANG SURUT AIR LAUT				KOEFSISIEN	AKTIFITAS SOLUNAR
			PASANG 1	PASANG 2	PASANG 3	PASANG 4		
1	5:46	17:36	3:20 ▲ (1.4m)	9:20 ▼ (0.8m)	15:05 ▲ (1.4m)	21:50 ▼ (0.6m)	57	
2	5:46	17:36	4:40 ▲ (1.5m)	10:55 ▼ (0.7m)	16:40 ▲ (1.4m)	23:00 ▼ (0.5m)	69	
3	5:46	17:36	5:40 ▲ (1.7m)	11:55 ▼ (0.6m)	17:45 ▲ (1.6m)	23:55 ▼ (0.5m)	84	
4	5:46	17:35	6:25 ▲ (1.9m)	12:40 ▼ (0.5m)	18:40 ▲ (1.7m)		96	
5	5:46	17:35	0:45 ▼ (0.3m)	7:05 ▲ (2m)	13:25 ▼ (0.3m)	19:25 ▲ (1.8m)	106	
6	5:46	17:35	1:25 ▼ (0.3m)	7:45 ▲ (2.1m)	14:05 ▼ (0.3m)	20:10 ▲ (1.8m)	110	
7	5:46	17:35	2:05 ▼ (0.3m)	8:20 ▲ (2.1m)	14:45 ▼ (0.2m)	20:50 ▲ (1.8m)	108	
8	5:47	17:34	2:45 ▼ (0.3m)	9:00 ▲ (2.1m)	15:25 ▼ (0.2m)	21:35 ▲ (1.8m)	100	
9	5:47	17:34	3:25 ▼ (0.4m)	9:35 ▲ (2m)	16:05 ▼ (0.3m)	22:20 ▲ (1.7m)	89	
10	5:47	17:34	4:05 ▼ (0.5m)	10:15 ▲ (1.9m)	16:45 ▼ (0.3m)	23:05 ▲ (1.6m)	76	
11	5:47	17:34	4:45 ▼ (0.7m)	10:50 ▲ (1.7m)	17:30 ▼ (0.4m)	23:55 ▲ (1.5m)	63	
12	5:47	17:34	5:35 ▼ (0.8m)	11:35 ▲ (1.6m)	18:20 ▼ (0.5m)		52	
13	5:47	17:33	1:05 ▲ (1.4m)	6:35 ▼ (0.8m)	12:25 ▲ (1.4m)	19:25 ▼ (0.6m)	46	
14	5:47	17:33	2:35 ▲ (1.4m)	8:25 ▼ (0.9m)	13:45 ▲ (1.3m)	20:50 ▼ (0.7m)	46	
15	5:47	17:33	4:10 ▲ (1.4m)	10:25 ▼ (0.9m)	15:40 ▲ (1.3m)	22:10 ▼ (0.7m)	50	
16	5:48	17:33	5:10 ▲ (1.5m)	11:35 ▼ (0.8m)	17:00 ▲ (1.3m)	23:10 ▼ (0.7m)	56	
17	5:48	17:33	5:55 ▲ (1.6m)	12:15 ▼ (0.7m)	17:55 ▲ (1.4m)	23:55 ▼ (0.6m)	63	
18	5:48	17:33	6:25 ▲ (1.7m)	12:50 ▼ (0.6m)	18:35 ▲ (1.4m)		69	
19	5:48	17:33	0:30 ▼ (0.6m)	6:55 ▲ (1.7m)	13:15 ▼ (0.5m)	19:10 ▲ (1.5m)	74	
20	5:48	17:33	1:00 ▼ (0.5m)	7:20 ▲ (1.8m)	13:45 ▼ (0.5m)	19:45 ▲ (1.6m)	78	
21	5:48	17:33	1:30 ▼ (0.5m)	7:45 ▲ (1.9m)	14:15 ▼ (0.4m)	20:15 ▲ (1.6m)	80	
22	5:49	17:33	2:00 ▼ (0.5m)	8:15 ▲ (1.9m)	14:40 ▼ (0.3m)	20:45 ▲ (1.7m)	81	
23	5:49	17:33	2:30 ▼ (0.5m)	8:40 ▲ (1.9m)	15:10 ▼ (0.3m)	21:20 ▲ (1.7m)	79	
24	5:49	17:33	3:00 ▼ (0.5m)	9:10 ▲ (1.9m)	15:45 ▼ (0.3m)	21:55 ▲ (1.6m)	75	
25	5:49	17:33	3:35 ▼ (0.6m)	9:40 ▲ (1.8m)	16:15 ▼ (0.3m)	22:35 ▲ (1.6m)	70	
26	5:49	17:33	4:10 ▼ (0.7m)	10:15 ▲ (1.8m)	16:55 ▼ (0.4m)	23:15 ▲ (1.6m)	64	
27	5:50	17:33	4:55 ▼ (0.7m)	10:55 ▲ (1.7m)	17:40 ▼ (0.5m)	spotmancing.com 23:55 ▲ (1.6m)	59	
28	5:50	17:33	0:10 ▲ (1.5m)	5:50 ▼ (0.8m)	11:45 ▲ (1.6m)	18:35 ▼ (0.5m)	56	
29	5:50	17:33	1:20 ▲ (1.5m)	12:40 ▼ (0.5m)	18:40 ▲ (1.7m)	23:10 ▼ (0.7m)	56	
30	5:50	17:33	2:40 ▲ (1.5m)	8:50 ▼ (0.8m)	14:25 ▲ (1.4m)	21:00 ▼ (0.6m)	61	

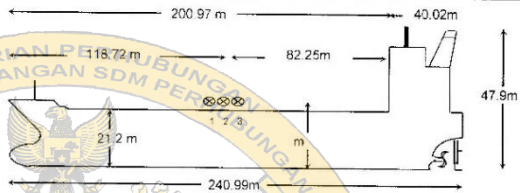
Daftar Pasang Surut Perairan Cilacap Bulan September 2016

LAMPIRAN 2

SHIP'S PARTICULARS

NAME	SC WARRIOR L	KEEL LAID	26/09/1996	SATELLITE COMMUNICATION	
CALL SIGN	YBFG2	LAUNCHED	13/03/1997		SAT-C 452503387
FLAG	INDONESIA	DELIVERED	29/09/1997	E-MAIL	SC.Warrior.l@psignature3.net
PORT OF REGISTRY	JAKARTA	SHIPYARD	NAMURA SHIP BUILDING CO. LTD	PHONE	+870773245898
OFFICIAL NUMBER	41790-10-C	LAST NAME	RIVER DREAMSTEEM GRANDEUR	FAX	
IMO/LLOYDS NUMBER	9102007	LAST NAME	TINOS WARRIOR	TELEX	
CLASS SOCIETY	BV	CLASS NUMBER: 23943-c		MMSI	525020390
CLASS NOTATION	1+Hull+Mach oil tanker ESP+ AU		EX NAME		
P & I CLUB	STANDARD CLUB ASIA		CS / FLAG		
OWNERS					
PT ARMADA MARITIME OFFSHORE					
OPERATORS					
PT VEKTOR MARITIM . JAKARTA					

PRINCIPAL DIMENSIONS	
LOA	240.99
LBP	232.00
BREADTH (Extreme)	43.034
DEPTH (molded)	21.20
HEIGHT (maximum)	47.90
BRIDGE FRONT - BOW	200.97
BRIDGE FRONT - STERN	40.02
BRIDGE FRONT - MFOLD	82.25



TONNAGE	REGD	SUEZ
NET	31 716	58 358.01
GROSS	56.854	56 946.21
GROSS Reduced (Rn 13495)		

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL	6.008	15.246	108.226
SUMMER	6.318	14.936	105.426
WINTER	6.628	14.626	102.633
LIGHTSHIP	18.924	2.33	
IMO BALLAST COND.	13.6	7.6	41 400
LIGHT-BALLAST COND.			
DWT WITH SBT ONLY			
FWA		337mm	
TPC @ Summer draft		90t	

TANK CAPACITIES (cbm)			
CARGO TANKS (98 %)		BLST TKS (100 %)	
COT 1w's	10041.6m3	Group1(1.4.7w's)	43827.0
COT 2w's	16411.6m3	Gp2(2.5w, slop-s)	37716.0
COT 3w's	16746.6m3	Gp3(3.6w's slop-p)	37717.0
COT 4w's	16746.6m3		
COT 5w's	16746.6m3	F.W Tanks 100%	
COT 6w's	16746.6m3	FW Tank (P)	239.5
COT 7w's	16162.2m3	FW Tank (S)	135.7
SLOP PORT	3469.2m3	Drinking-Sbd	103.6
SLOP STBD	3803.6m3		
TOTAL	116874.8m3	TOTAL	375.2
H Level Alarm	95%	Level gauge	
Overflow Alarm	98%		
		TOTAL	39827.4m3

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	SULZER 7RTA62
M.C.R.	17390
N.C.R.	14760
MAX CRITICAL RANGE	38-47 RPM
AUX. BOILER (2 sets)	DAIHATSU 60K 20
GEN	DAIHATSU 60K 20
EMER D.G. (1)	DAIHATSU-DEUTZ BF6L513
PROPELLER	NAKASHINA-5 BLADES LTP
RUDDER	SEMI BALANCED SPAD
STEERING GEAR	KAWASAKI
FW GENERATOR CAP	SASAKURA/30 M.T/DAY

BUNKER TANKS(M3)	
HFO 1 P	768.9
HFO 1 S	768.9
HFO 2 P	666.2
HFO 2 S	582.3
HFO SET	53.9
HFO SER	53.2
TOTAL	2893.4
DOT-P	73.2
DOT- S	52.2
DO Srv	
TOTAL	125.4

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	3	3	
MRG ROPES	6	6	wire with rope tail
Winch BHC	48	48	wire with rope tail.
WINDLASS	2		
FIRE WIRE	1	1	
ANCHOR	2		12.5 shackles each.
			DIA 76 mm
			200T
EMG TOWING	1	1	

CARGO AND BALLAST PUMPING SYSTEM			
MAIN PUMPS	NO.	CAPACITY	HEAD RPM
CARGO OIL P/P's	3	2600 M3	135 1310
STRIPPING PUMP	1	200M3	135
CARGO EDUCTOR	1	450M3	
BALLAST P/P's	1	3000M3	200
BALLAST EDTR	1	200M3	
TANK CLNG PUMP			
CARGO HOSE CRANES			
SWL 15 T x 78 Deg			

LIFE BOATS	
fully closed boat	
Davit arm by gravity	
LIFE RAFTS	
4X15 P 1 X 6 P	
PROV. CRANE (PORT)	SWL 4T
PROV. CRANE (STBD)	SWL 0.997T

MANIFOLD ARRANGEMENT (400 mm / Steel)	
Distance of cargo manifold to cargo manifold	2.5m
Distance of cargo manifold to vpr. return manifold	2.5m
Distance of manifolds to ship's rail	4.6m
Distance of spill tray grating to centre of manifold	0.9m
Distance of main deck to centre of manifold	2.02m
Distance of main deck to top of rail	1
Distance of top of rail to centre of manifold	0.9m
Distance of manifold to ship side	4.6m
Distance of manifold from keel	23.33m

IG / VAPOR EMISSION / VENTING	
IG BLOWER CAPACITY (2 nos)	4876 m3/hr
P/V VALVE PR / VAC. SETTING	1400mmWG/ 500
P/V BREAKER PR./VAC. SETTING	2000mm WG/-700

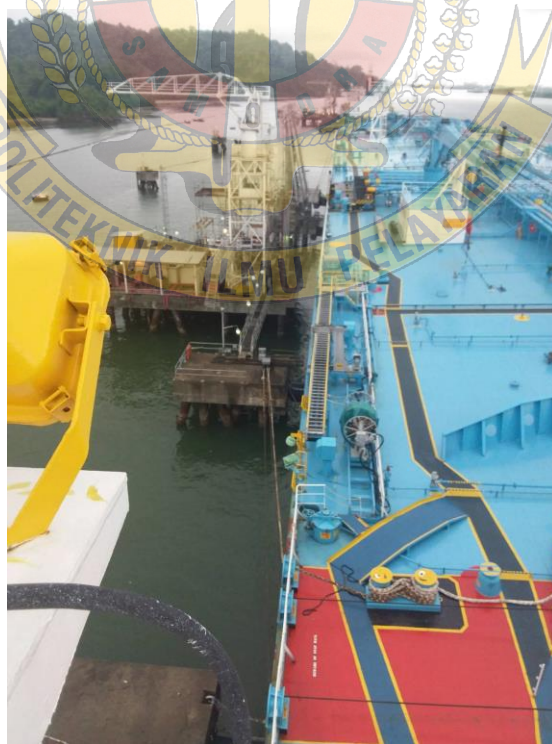
Maximum loading rate	
Per manifold: 3100 m3/hr	
Per tank: 3000 m3/hr	
Per Slop tank: 2400	

FIRE FIGHTING SYSTEM	
E/RM	FIXED CO2 SYSTEM
PUMP ROOM	NIL
CARGO/DK AREA	WATER SPRAY SYSTEM

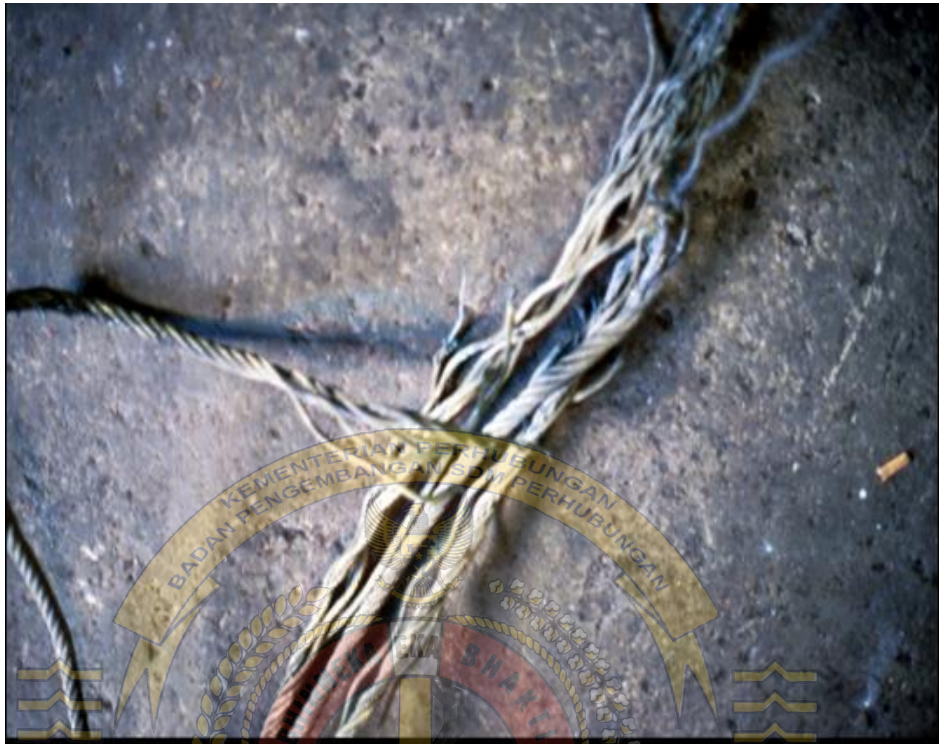
Ship Particular Kapal MT. SC. Warrior L



Tugboat mendorong kapal pada saat terjadi putusnya *mooring wire* agar kapal tidak terus menjauhi dermaga



Posisi sandar Kapal MT. SC. Warrior L



Mooring Wire yang putus



Kadaan *mooring wire* yang sudah timbul karat dan korosi