

LAMPIRAN 2

SHIP'S PARTICULAR

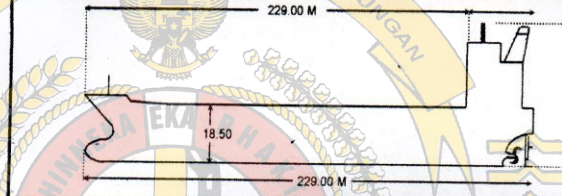


PT. KARYA SUMBER ENERGY
SHIP'S PARTICULARS

NAME	MV ENERGY MIDAS	KEEL LAID	10-Feb-98	SATELLITE COMMUNICATION	
CALL SIGN	3 F R U 8	LAUNCHED	29-May-98	NM-C	435590713
FLAG	PANAMA	DELIVERED	4-Sep-98	E-MAIL	energy.midas@fio.onasatmail.com
PORT OF REGISTRY	PANAMA	SHIPYARD	mitsui engineering & shipping co ltd	PHONE	(007) 870 7739 90800
OFFICIAL NUMBER	27416-PEXT-1	HULL NO	1455	FAX	
IMO NUMBER	9164691			TELEX	
CLASS SOCIETY	NK			MMSI	355907000
CLASSIFICATION CHARACTER	NS*(BULK CARRIER)/ESP/MNS*			EX. NAME	MV ENERGY ANGEL
P & I CLUB	AMERICAN STEAMSHIP			CS / FLAG	PANAMA

OWNERS	FIORENZA PTE LTD	
OPERATORS	PT KARYA SUMBER ENERGY, JL KALI BESAR BARAT NO 37 JAKARTA BARAT - 11230 INDONESIA +62216910382, PIC SUHAFRINAL, MOBILE PHONE +6281361699009, EMAIL suha@indoneshipping.com, dpa.kse1@gmail.com	TLP

PRINCIPAL DIMENSIONS	
LOA	229.00 M
LBP	218.00 M
BREADTH	38.50 M
DEPTH (molded)	18.50 M
HEIGHT (maximum)	47.25 M
BRIDGE FRONT - BOW	196.75 M
BRIDGE FRONT - STERN	32.20 M



TONNAGE	
NET	23882 MT
GROSS	43321 MT
GROSS Reduced (Rr: 13485)	NA

LOAD LINE INFORMATION	FREEBOARD	DRAFT	DWT
TROPICAL FRESH	5.518	13.382 M	77.697
FRESH	5.425	13.115 M	77.702
TROPICAL	5.453	13.087 M	79.714
SUMMER	5.72	12.820 M	77.697
WINTER	5.987	12.533 M	75.683

LIGHT SHIP T= 11,225MT

TANK CAPACITIES (cbm)			
CARGO HOLD CAPACITY		BLST TKS (100 %)	
GRAIN (M3)	BALE (M3)	F.P.Tk.	
NO.1 10835.1	NO.1	NO.1P/S	2547.7
NO.2 13982.4	NO.2	NO.2P/S	7389.6
NO.3 13746.5	NO.3	NO.3P/S	8609.6
NO.4 13825.1	NO.4	NO.4P/S	6717.2
NO.5 13881.9	NO.5	NO.5P/S	3475.4
NO.6 13896.9	NO.6	APT	578.9
NO.7 12656.5	NO.7	NO.4CH	14176.8
TOTAL	93024.4	TOTAL	43495.2

MACHINERY / PROPELLER / RUDDER	
MAIN ENGINE	mitsui B&W 5680MC x 1 SET
M.C.O	13,900 ps (10,223 kW) x 105.5 rpm
C.S.O	11,820 ps (8,694 kW) x 99.5 rpm
MAX CRITICAL RANGE	88 - 79 rpm
AUX BOILER TYPE	composite boiler
GENERATOR (3 sets)	3 x 460 KW @ 720 rpm
EMER D.G.	1 x 80 KW @ 1800 rpm
PROPELLER	5-Blade, fix pitch, D= 6,450 mm
RUDDER	Streamlined Marine Type
STEERING GEAR	ELECTO-HYDROLIC. DFT-125
FW GENERATOR CAP	20 T/Day

BUNKER TANKS	
1 FO TK	889.6
2 FO TK	582.2
3 FO TK	411.5
DEEP FO TK(P)	307.8
DEEP FO TK(S)	648.2
SERV TK	46.3
TOTAL	2885.4
DOT (P)	295.6
DOT (S)	
1 DO Srv	6.8
2 DO Srv	
TOTAL	302.4

WINCHES / WINDLASS / ROPES / EMERGENCY TOWING			
	FWD	AFT	PARTICULARS
WINCHES	2 (d. 60mm)	2 (d. 60)	15 t x 15 m/min
MRG Ropes	6	6	80 mm x 200 mtr, polypropylene
Winch BHC	36.7 T	36.7 T	
WINDLASS	2	NIL	29.5t x 9.0 m/min
FIRE WIRE	N/A	N/A	
ANCHOR	2	0	Stockless, 7875 kgs x 2 set, @ 330 M
EMG. TOWING	1 Lgt	1 Lgt	Dia 28 MM x 50 Mtr
			Dia 28 MM x 50 Mtr
	N.A	N.A	N.A

BALLAST PUMPING SYSTEM				
MAIN PUMPS	NO	CAPACITY	HEAD	RPM
BALLAST PUMP	1	1350M ³	25 M	1200
BALLAST PUMP	2	1350M ³	39 M	1200

LIFE BOATS	
2 x 28 Persons	
MAKER	
SHIGI SHIPBUILDING	
Totally enclosed	

FIRE FIGHTING SYSTEM	
E/RM	FIX FOAM, FIRE HYDRANT, PORTABLE FOAM & DRY CHEM
CARGO/ DK AREA	FIRE HYDRANT

CRANES	
N/A	

LAMPIRAN 3

CREW LIST

CREW LIST

(Name of shipping line, agent, etc.)

1. Name of ship		2. Port of Arrival / Departure		3. Date		Page No.	
MV. ENERGY MIDAS		SAMARINDA, INDONESIA		09 August 2016		1/1	
4. Nationality of ship		5. Last port of Call		6. Nature and No. of identity document (seaman's passport/validity)		Date and Place of Engagement	
PANAMA		TAEAN, SOUTH OF KOREA		(YY / MM / DD)		(YY / MM / DD)	
7. No.	8. Family name, Given names	9. Rank or rating	10. Nationality	11. Date and place of birth (YY / MM / DD)	12. Nature and No. of identity document (seaman's passport/validity) (YY / MM / DD)	Date and Place of Engagement (YY / MM / DD)	
1	RATMADIDAJA	MASTER	INDONESIAN	56/09/20 Bogor, Indonesia	A 4025481 17/10/25	Samarinda, Indonesia	
2	TOMI GINTING	C/OFF	INDONESIAN	74/12/15 Medan, Indonesia	A 6482843 18/09/26	Samarinda, Indonesia	
3	LAURENSIUS GEUSTIGINANI ANGGA	2/OFF	INDONESIAN	90/08/11 Sidomulyo, Indonesia	B 0786684 20/03/13	Samarinda, Indonesia	
4	AWAL SETIAWAN PUTRA	3/OFF	INDONESIAN	91/10/22 Bangkalan, Indonesia	B 2866361 21/02/03	Samarinda, Indonesia	
5	YURNALIS YUNUS	C/ENG	INDONESIAN	61/05/11 Padang, Indonesia	A 2086194 17/01/30	Samarinda, Indonesia	
6	BAKRUN	1/ENG	INDONESIAN	62/12/05 Klaten, Indonesia	A 2662960 17/05/03	Samarinda, Indonesia	
7	RIZQI WAHYU HIDAYAT	2/ENG	INDONESIAN	84/11/05 Cilacap, Indonesia	B 2993064 21/01/18	Samarinda, Indonesia	
8	TIMOTIUS DIAN KARTIKO	3/ENG	INDONESIAN	93/07/28 Surakarta, Indonesia	A 5545759 18/05/16	Samarinda, Indonesia	
9	MOCHAMAD RASYID SILALAH	BOSUN	INDONESIAN	57/12/25 Jakarta, Indonesia	A 9248461 19/10/31	Samarinda, Indonesia	
10	MULYADI	A/B - A	INDONESIAN	73/06/22 Palembang, Indonesia	A 5080157 18/04/02	Samarinda, Indonesia	
11	HERMAN PRATIKNO	A/B - B	INDONESIAN	81/04/18 Surabaya, Indonesia	A 7744469 19/03/20	Samarinda, Indonesia	
12	KHUSNUL AMAR	A/B - C	INDONESIAN	81/02/04 Kebumen, Indonesia	A 8045871 19/04/21	Samarinda, Indonesia	
13	MOHAMAD NADI FIRMANSYAH	OILER - A	INDONESIAN	79/04/04 Jakarta, Indonesia	B 3549921 21/03/08	Samarinda, Indonesia	
14	DENI MAIRIANDA	OILER - B	INDONESIAN	92/05/05 Selayo, Indonesia	A 9247652 19/10/27	Samarinda, Indonesia	
15	CRIS POTERSAME	OILER - C	INDONESIAN	79/08/10 Solok, Indonesia	A 6777791 18/11/14	Samarinda, Indonesia	
16	EKO SUWARSO	C/COOK	INDONESIAN	75/12/04 Tegal, Indonesia	B 3010674 21/02/05	Samarinda, Indonesia	
17	ARFAN DIKA	D/CADET - A	INDONESIAN	95/03/07 Semarang, Indonesia	B 1490817 20/06/24	Samarinda, Indonesia	
18	FUKUSHIN NAPITUPULU	D/CADET - B	INDONESIAN	95/06/28 Semarang, Indonesia	B 1490428 20/06/22	Samarinda, Indonesia	
19	I MADE WAHYU SANDIKA PUTRA	D/CADET - C	INDONESIAN	96/06/08 Bangli, Indonesia	B 3324871 21/03/04	Samarinda, Indonesia	
20	FANDI PRASETYO	D/CADET - D	INDONESIAN	94/09/06 Temanggung, Indonesia	B 3325875 21/03/02	Samarinda, Indonesia	
21	BINTANG PRASYTO WASKITO	E/CADET - A	INDONESIAN	95/09/02 Sragen, Indonesia	B 1496078 20/07/02	Samarinda, Indonesia	
22	ATIP SHOLIKHIN	E/CADET - B	INDONESIAN	94/11/17 Klaten, Indonesia	B 1496226 20/07/03	Samarinda, Indonesia	
23	RASULA ADE PRATAMA	E/CADET - C	INDONESIAN	96/04/02 Magelang, Indonesia	B 3324884 21/03/04	Samarinda, Indonesia	
24	PRASETYO WIBI	E/CADET - D	INDONESIAN	96/02/06 Kendal, Indonesia	B 3325816 21/03/02	Samarinda, Indonesia	

12. Date and signature by master, authorized agent or officer

MASTER:

Capt. RATMADIDAJA



LAMPIRAN 4

CONDITION OF BRIDGE EQUIPMENT

MV.ENERGY MIDAS

CONDITION OF DECK/BRIDGE EQUIPMENTS

NO	DESCRIPTION	CONDITION (%)	REMARK
01	INMARSAT-B SHIP/EARTH STATION MERK:FURUNO;MODEL:FELCOM-81 TYPE:IB-281;SERIAL NO:3504-0462	50	NON-ACTIVE
02	INMARSAT-B TELEPHONE MERK:ISS PHONE 20D;MODEL:SIMPLE-D TYPE:FC 755 DI;SERIAL NO:044	50	NON-ACTIVE
03	INMARSAT-B DTE MERK:FURUNO;MODEL:FELCOM-81 TYPE:IB-582;SERIAL NO: 0609	50	NON-ACTIVE
04	INMARSAT-B KEYBOARD MERK:FURUNO;MODEL:ESX5R5BTC-51	50	NON-ACTIVE
05	INMARSAT-B PRINTER MERK:FURUNO;MODEL:PP-510;SERIAL NO:0104425	50	NON-ACTIVE
06	INMARSAT-C SHIP/EARTH STATION MERK:FURUNO;MODEL:FELCOM-12;TYPE:I C-212;MFG DATE:1998-1;SERIAL NO:3511-0278-	50	ACTIVE
07	INMARSAT-C DTE MERK:FURUNO;MODEL:1B-581;TYPE:1C-218 MFG DATE:2013-2;SERIAL NO:3598-1253	50	ACTIVE
08	INMARSAT-C KEYBOARD MERK:FURUNO;TYPE:ESXKB5139U	50	ACTIVE
09	INMARSAT-C POWER SUPPLY MERK:TERASAKI;MFG DATE:1998-3;SERIAL NO:98-0406	50	ACTIVE
10	INMARSAT-C PRINTER MERK:FURUNO;MODEL:PP-510;SERIAL NO:0104989	50	ACTIVE
11	FACSIMILE MERK:BROTHER;MODEL:FAX-2820;SERIAL NO:E63380B1N736076	50	NON-ACTIVE
12	MF/HF RADIO EQUIPMENT MERK:FURUNO;MODEL:FS-5000;TYPE:SHM 1FD1.6;MFG DATE:1998-3;SERIAL NO:2508	50	ACTIVE
13	MF/HF DSC RECEIVER/WATCH MERK:FURUNO;MODEL:AA-50R;MFG DATE:1998-2;SERIAL NO:2538-0261	50	ACTIVE
14	MF/HF KEYBOARD/NBDP MERK:BTC;MFG:CHINA; MODEL:ESX5R5BTC	50	ACTIVE
15	MF/HF PRINTER MERK:FURUNO;MODEL:PP510;SERIAL NO:0104992	50	ACTIVE

16	MF/HF DSC TERMINAL MERK:FURUNO;MODEL:DSC-5R;TYPE:SAM IFD3-1	50	ACTIVE
17	NBDP(NORROW BAND DIRECT PRINTING) MERK:FURUNO;MFG:JAPAN;MODEL:DP-6	50	ACTIVE
18	VHF MARINE RADIO (2 SETS) MERK:FURUNO;MFG:JAPAN;MODEL:RC-700 0;TYPE:FM-7000;MFG DATE:1998-2;SERIAL NO:2584-0447 & 2584-0445	50	ACTIVE
19	TWO-WAY RADIO(3 SETS) MERK:FURUNO;MFG:JAPAN;TYPE:FM-8;MF G DATE:1998-3;SERIAL NO:2544-9481&2544-9482&2544-9483	50	ACTIVE
20	TWO-WAY BATTERY CHARGER MERK:FURUNO;MFG:JAPAN;TYPE:BC-503;S ERIAL NO:34569	50	ACTIVE
21	UHF TRANSCEIVER(12 SETS) MERK:VEV;MODEL:VEV8PLUS/VEV-3388D	80/90	ACTIVE
22	UHF TRANSCEIVER CHARGER(11 PCS) MERK:VEV;MODEL:LC-318	80	ACTIVE
23	PUBLIC ADDRESS SYSTEM MERK:NIPON HAKUYO;MFG:JAPAN;TYPE:OHE-3177;MFG DATE:1998-2;SERIAL NO:63325	50	ACTIVE
24	LOUD SPEAKER TALKBACK SYSTEM MERK:NOBORU ELECTRIC CO.LTD TYPE:MS-10GTH	50	ACTIVE
25	DESK TOP COMPUTER E-MAIL MERK:DELL INC;MFG:CHINA;MODEL:E-178 FPC;MFG DATE:2009-3;SERIAL NO:040617N-700-12CXY	50	ACTIVE
26	SHIP SECURITY ALERT SYSTEM(SSAS) MERK:FURUNO;MFG:JAPAN;TYPE:IC-306.IC- 307	50	ACTIVE
27	RADAR WITH ARPA MERK:FURUNO;MFG:JAPAN;MODEL:FAR-28 25W-4A;TYPE:RAAS4FD9-25KPON-11;MFG DATE:1998-2;SERIAL NO:3338-0070	50	ACTIVE
28	RADAR(SUB)/NON ARPA MERK:FURUNO;MFG:JAPAN;MODEL:FR-283 55W-7AF;TYPE:RALS4FD3-30KPON-4;MFG DATE:1998-2;SERIAL NO:3341-0018	50	ACTIVE
29	GPS NAVIGATOR#1&2 MERK:FURUNO;MFG:JAPAN;MODEL:GP-80 TYPE:GPR-020;SERIAL NO:0477-4104/2477-4435	50	ACTIVE
30	GPS PRINTER MERK:FURUNO;MFG:JAPAN:FP-50	50	ACTIVE

31	A I S MERK:JAPAN;MFG:JAPAN RADIO,CO,LTD;MODELNCM-722;TYPEJHS-1 80;MFG DATE:FEB-04;SERIAL NO:3B14195	50	ACTIVE
32	NSK-UNIT MERK:JAPAN;MFG:JAPAN RADIO,CO.LTD;TYPE:NCT-27	50	ACTIVE
33	ECHO SOUNDER MERK:FURUNO;MFG:FURUNO ELECTRIC;TYPE:FE-680;MFG DATE:1998-1;SERIAL NO:8680-3618	50	ACTIVE
34	ELECTROMAGNETIC LOG MERK:YOKOGAWA;MODEL BML-500/HS 1;MFG DATE:APR-02-1997;SERIAL NO:TS-1455	50	ACTIVE
35	NAVTEX RECEIVER MERK:FURUNO;MFG:FURUNO ELECTRIC,CO.LTD.;MODELNX-500;TYPE:TP 0340	50	ACTIVE
36	WEATHER FACSIMILE MERK:FURUNO;MFG:JAPAN;MODEL:FAX-21 5;MFG DATE:1998-1;SERIAL NO:2710-0197	50	ACTIVE
37	GYRO COMPASS MERK:YOKOGAWA;MODEL CMZ-500;TYPE:T YPE 3	50	ACTIVE
38	MAGNETIC COMPASS MERK:TOKIMEC INC;MODEL:2424;MFG DATE:1998-6	50	ACTIVE
39	COMPASS GYRO REPEATER MERK:YOKOGAWA DENSHIKI,CO,LTD;MODELKR005A-G;MFG DATE:1997-12;SERIAL NO:1875	50	ACTIVE
40	AUTO PILOT MERK:YOKOGAWA;MODEL:PT 500A;SERIAL NO:TS1455	50	ACTIVE
41	SHIP'S CLOCK(MASTER) MERK:CITIZEN;MFG:T.I.C-CITIZEN,LTD,JAP AN;TYPE:TXS-9F;MFG DATE:1997-11;SERIAL NO:8435	50	ACTIVE
42	SHIP'S CLOCK(SLAVE) MERK:CITIZEN;MFG:T.I.C-CITIZEN.CO.LTD TYPE:TXS-9F;MFG DATE:1997-11;SERIAL NO:8435	50	ACTIVE
43	SEXTAN(1 SET) MERK:TAMAYA;MODEL:MS-633;MFG DATE:MAY-98;SERIAL NO:84811	80	NON-ACTIVE
44	BINOCULARS(3 SETS) MERK:FUJINO/NIKON;MFG:JAPAN;MODEL: B TYPE/TROPICAL	50	ACTIVE

45	AZIMUTH CIRCLE MERK:TOKIMEC;MFG DATE:1998;SERIAL NO:9865	70	NON-ACTIVE
46	AZIMUTH MIRROR MERK:TOKIMEC;MFG DATE:1998;SERIAL NO:30	80	NON-ACTIVE
47	GYRO COMPASS AZIMUTH CIRCLE MERK:YOKOGAWADENSHIKIKI,CO,LTD;MO DEL:KX603;MFG DATE:1997-12;SERIAL NO:4819	40	ACTIVE
48	MAGNETIC COMPASS MAGNIFIER MERK:TOKIMEC	70	NON-ACTIVE
49	FINDER'S BAR MERK:TOKIMEC;MFG:JAPAN	80	NON-ACTIVE
50	QUADRANTAL CORRECTORS MERK:TOKIMEC;MFG:JAPAN	90	NON-ACTIVE
51	DAYLIGHT SIGNALLING LAMP MERK:SANSHIN ELECTRIC;MFG:JAPAN;MODEL:PORTABLE TYPE;TYPE:SPS-10A;MFG DATE:1997-10;SERIAL NO:P 13474	50	ACTIVE
52	RUDDER ANGLE INDICATOR MERK:KURAMOTO INTS;MODEL:1022246-4	70	ACTIVE
53	SHAFT RPM INDICATOR MERK:KURAMOTO INTS;MODEL:1022244-4	70	ACTIVE
54	ENGINE TELEGRAPH RECORDER MERK:AXIOHM	50	ACTIVE
55	ANEMOMETER MERK:NIPPON ELECTRIC INTS MFG DATE:JUN-00;SERIAL NO:006413	60	ACTIVE
56	CLINOMETER MERK:TOKYO SAIKI,CO,LTD;MFG:JAPAN	70	ACTIVE
57	ANEROID BAROMETER MERK:OTA KEIKI SEISAKUSHO;MFG:JAPAN;MODEL:9-A;MFG DATE:10/2/2010;SERIAL NO:485080	60	ACTIVE
58	ELECTRIC WINDOW WIPER MERK:SERIES 1000	50	ACTIVE
59	CLEAR VIEW SCREEN MERK:NIPPON;MFG:NIPPON ELECTRIC INST;TYPE:CM 350-7BD;SERIAL NO:6158	50	ACTIVE
60	AIR HORN MERK:IBUKI KOGYO;MFG:OSAGA JAPAN;MODEL:2B100;MFG DATE:FEB-98;SERIAL NO:49937	60	ACTIVE
61	SATTELITE EPIRB MERK:KANNAD;MODEL:406 WH;TYPE:PONT FLOAT FREE TYPE	50	NON-ACTIVE

62	RADAR TRANSPONDER(2 SETS) MERK:TAIYO MUSEW;MODEL:TBR-600;TYPE:L7LS5TY1-0, 4-1;MFG DATE:1997-11	50	NON-ACTIVE
63	EMERGENCY FIRE ALARM PANEL MERK:NOHMIBASAJ LTD;MFG:TOKYO JAPAN;TYPE:FAC551B-151;MFG DATE:FEB-98;SERIAL NO:2448	70	ACTIVE
64	VDR(VOYAGE DATA RECORDER) MERK:FURUNO;MFG:JAPAN FURUNO ELECT;TYPE:VR-3010;SERIAL NO:4418-2144	50	ACTIVE
65	BNWAS(BRIDGE NAV WATCH ALERT SYS MERK:FURUNO;MFG:FURUNO ELECTRIC,CO,LTD;TYPE:BR-510;SERIAL NO:000652	70	NON-ACTIVE
66	COURSE RECORDER MERK:YOKOGAWA;MFG:JAPAN;MODEL:KR 180A;MFG DATE:1997-12;SERIAL NO:0049	50	ACTIVE
67	TELEPHONE SYSTEM 1 SET MERK:NIPPON HAKUJO ELECTRONIC;TYPE:OAE-6040-1	50	ACTIVE
68	NAVIGATION LIGHT SWITCH MERK:NIPPON SENTO;TYPE:A-2	50	ACTIVE
69	ANCHOR LIGHT SWITCH MERK:NIPPON SENTO;TYPE:A-2	50	ACTIVE
70	NOT UNDER COMMAND LIGHT SWITCH MERK:NIPPON SENTO;TYPE:A-2	50	NON-ACTIVE
71	HUGE VESSEL LIGHT SWITCH MERK:NIPPON SENTO;TYPE:INC-60W	50	NON-ACTIVE
72	STEERING HEAD LIGHT SWITCH MERK:KOKOSHA;TYPE:INC-40W	50	NON-ACTIVE
73	INGRESS ALARM SYSTEM 1 SET MERK:MUSASINO,CO,LTD;TYPE:LW-III	70	ACTIVE
74	DESK TOP COMPUTER 1 SET MERK:LENOVO	85	ACTIVE
75	UPS(UNRESTRICTED POWER SUPPLY) MERK:CSTK/CHINA	85	ACTIVE
76	ELECTRIC DEMO MERK:SEIKO EPSON CORP;TYPE:EPSON OK 320;MFG DATE:2013-09;SERIAL NO:RURZ 390262 H	80	NON-ACTIVE
77	LAMINATING MACHINE MERK:ROYAL SOVEREIGN;TYPE:ES-1302;SERIAL NO:D020087	80	NON-ACTIVE
78	PRINTER MERK:EPSON;MODEL:EPSON L 120	95	ACTIVE

NOTE: ACTIVE MEAN : EVERYDAY USED/STAND BY
NON-ACTIVE MEAN :USED WHEN WE NEED ONLY

PREPARE BY



(WIBISONO)
SECOND OFFICER

APPROVAL BY

(CAPTHERI YULIANTO)
MASTER OF MV.ENERGY MIDAS

MV ENERGY MIDAS

CONDOTION OF DECK EQUIPMENT

NO.	DESCRIPTION	CONDITION (%)	REMARK
1	WILDEN PUMP WILDEN PUMP AND ENGINEERING MODEL : 1 1/2 METAL PUMP NO SERI : 0021019937	90%	1 ITEM
2	ELECTRIC ANGLE GRINDER MAKTEC MODEL : DM 100 B NO SERI : S1M-FA-100B	75%	2 ITEM
3	TOOL FOR PHENOMATIC HAND KW-20P JAPAN	70%	1 ITEM 
4	SCALLING MACHINE YASKAWA-ELECTRIC JAPAN TYPE : FC-01C3	70%	1 ITEM 
	KC-50	100%	2 ITEM
5	HYDRAULIC JACK DAE HAN HYDRAULIC. CO	70%	1 ITEM

TARAKAN, 02 JANUARY 2015

PREPARED BY



ALI KASHMIR PASARIBU
CHIEF OFFICER

APPROVED BY



CAPT. HERRYULIANTO
MASTER OF MV. ENERGY MIDAS