

LAMPIRAN 7

MERATUS FLEET DIVISION	Quality, Safety Management and Environmental Protection System	Form No. : FRARM –SM021
	FORM	Revision : 0
Title : MV. MERATUS MAMIRI		File / Freq. : O – SET
		Issued Date :
		Page : 1 of 4

Vessel	: MV. MERATUS MAMIRI
Ex.	: ANDREA
Owners	: PT. MERATUS LINE
Operators	: PT. MERATUS LINE
Ship Manager	: Edwin Mihardja
Superintendent	: Arif Sulistiyono
Ass. Super	: Yohanes Dhani K
Purchaser	: Sonya Monalisa

GENERAL DESCRIPTION

Registry	: Surabaya	Flag	: Indonesia	IMO / Llyod No.	: 9106649
Call Sign	: PONE	Official No	: 5012/L		
Class	: BV / BKJ	Class No.	: 21701Q /		
Class Notation					
Built (years / shipyard / no.)	: VOLKWERFT GmbH STRALSUND, GERMANY				
Keel laying	: 16-JAN-1995				

PRINCIPAL DIMENSIONS

LOA	: 149.6 m	LBP	: 139.78 m	B (mid)	: 23.1 M	Draft (S)	: 8.6 M
H (mid)	: 12.8 m	Ballast Draft	: 2.778 m	Air Draft	: 44.45 M	Light Draft	: 2.778 M

TONNAGE

GT	: 11,964	NT	: 4,931	Displacement(S)	: 19,919	Light Ship	: 5,458
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DEADWEIGHT & CAPACITIES

Deadweight (S)	: 14,464 T	Deadweight (Tropical)	: 14,464 T	TPC (S)	: 29.7 T			
Container Capacity	1 st tier	2 nd tier	3 rd tier	4 th tier	5 th tier	6 th tier	Total	
Deck	20'	16	148	148	148	112	74	646 TEUS
	40'	7	72	72	72	54	36	313 FEUS
Hold	20'	66	90	98	100	104		458 TEUS
	40'	30	42	48	50	52		222 FEUS
Ship After	20'							TEUS
	40'							FEUS
Total	20'	82	238	246	248	216	74	1104 TEUS
	40'	37	114	120	112	106	36	535 FEUS
Reefer Container							150	
Homogeneous at 14 Ton								765 TEUS

DECK & HATCHES

Hatch Cover : 13 pcs (Pontoon Type) Weight : 1X23 T, 8X25 T, 4X26 T

Permissible Load	Tank Top	Tween Deck	Hatch Cover
General	162 T		
Container 20' / Stack	120 T		45 T
Container 40' / Stack	150 T		65 T

MERATUS FLEET DIVISION	Quality, Safety Management and Environmental Protection System	Form No. : FRAM - 03021
	FORM	Revision : 0
	Title : MV. MERATUS MAMBI	File / Freq : 0 - 38T
		Issued Date : _____
		Page : 2 of 4

CARGO HANDLING

Number	1	2	3	4
Maker / Model	NEVENFELDER MASCHINENFABRIK	NEVENFELDER MASCHINENFABRIK		
Capacity (SWL)	45 T/ 25 M 45 T/ 20 M	45 T/ 25 M 45 T/ 20 M		

SPEED & CONSUMPTION

Speed	knots	M/E (FO)	A/E	Stair	FW
At Sea	16 KTS	FO	20 MT		12 MT
In Port	16 KTS	FO	20 MT		11 MT

CARGO HOLD (CAPACITIES)

Carga Hold-1		Carga Hold-3	
Ballast Water	100.0 m ³	LD WE	134.1 m ³
HFO	132.0 m ³	LD WE	134.1 m ³
Sludge Hold	14.8 m ³		

TANKS (CAPACITIES)

Ballast Water	100.0 m ³	LD WE	134.1 m ³
HFO	132.0 m ³	LD WE	134.1 m ³
Sludge Hold	14.8 m ³		

RADIO & NAVIGATIONAL EQUIPMENT

RAA	1A-25	IMO NO	41101200	NMCI	925025078
Satcat No. For AIDP		Sea Area	A1 + A2 + A3	Power Back	
AIS	DEBEG SAC	VHF No. 1		Selco RT 204T	
GPS 1	SAWUNG SPN 100	VHF No. 2		SKANTI VHF 1300 DSC	
GPS 2	KODEN KSP 80	VHF No. 3		SKANTI VHF 1300 DSC	
GPS 3	SAMB RA NAVIGATION SYSTEM	Emergency VHF OMDS 1		ICOM IC-GM 1800	
Terminal C 1 OMDS	Thera & Thera TT 3002-A	Emergency VHF OMDS 2		ICOM IC-GM 1800	
Terminal C 2 OMDS	FLURNO 08009	Emergency VHF OMDS 3		ICOM IC-GM 1800	
SSAS	Thera & Thera TT-3000A	EPRB	Batera JAN 2016	SAWUNG SEP 08 hrs Jan 2016	
MF/HF USB Radio 1	MF / HF Selco Cu 9100	SART 1	Dec 2017	MC MURDO SF 4251 Dec 2017	
MF/HF USB Radio 2	-	SART 2	Dec 2017	MC MURDO SF 4251 Dec 2017	
Navis Receiver	JMC NT-1800	Echo Sounder		STN ATLAS OROGRAPH 481	
Radar No. 1	S-Band (JRC / JNA-P102-SA)	Speed Log		STN ATLAS DOLOG	
Radar No. 2	X-Band (FLURNO / RDU-010)	Gyro Compass		ANSCHUTZ 6TD 22	
VCR	Netwave NW 4010	Magnetic Std Compass		CASSENS & PLATH GMBH	
Auto Pilot	ANSCHUTZ DH 048 / 325 / 88	Facsimile Receiver		KODEN FX 7200	

MERATUS FLEET DIVISION	Quality, Safety Management and Environmental Protection System	Form No.	FRARM-SM021
	FORM	Revision	3
	Title : MV. MERATUS MAMIRI	File / Freq.	0-SET
		Issued Date	
		Page	3 of 4

MACHINERIES

Engine	Main Engine	A/E STB	A/E Center	A/E Port	A/E Emergency
Maker	MAN B & W	SULZER	SULZER	SULZER	SULZER
Type	7S50MC	6S20	6S20	6S20	4S20
No/Year	50M265/1995	10051/1995	15026/1994	10050/1995	12013/1995
Power/tpm	10.010KW/127	780 KW/900	1040 KW/900	780 KW/900	580 KW/900
Bore/stroke	500 mm	250 mm/300 mm	1040/900	780 KW/900	580 KW/900
Generator		HFC5 50284 K	HFC5 50284 K	HFC5 50284 K	HFC5 50284 K
KVA/RPM		915 KVA	1220 KVA	916 KVA	600 KVA
Volt/Hz/amp		450/60/1174	450/60/1565	450/60/1174	450/60/372

ENGINE EQUIPMENT

T/Charge	Mark/Type	Specification
ME	MAN B&W 14S27	1184175
A/E	ABB / RR 151-14LS22	HT 405795
A/E	ABB / RR 181-14LS22	HT 405663
A/E	ABB / RR 151-14LS22	HT 405796
Machinery's	Mark / Type	Specification
Reduction Gear Box		
Cooler Reduction Gear Box		
Coupling ME		
Lub Oil Filter ME	BOLL & KIRCH 6.6 / 1.7 / 200	
Lub Oil Cooler	ALFA LOMAL M 20 MFM	
A/E Cooler	-	
CP Propeler	-	
Steering Gear (SG)	ULSTEIN TRYDENBO AC H5 280-03	
Electro Motor SG	186 MOTOR MBT 180 L	
SG Pump	ALLWEILER PE 2 SNE 210 ER54	
Main Air Compressor 1	JP SAYER & SOHN WP 150 L 100	
Main Air Compressor 2	- DO -	
Electro Motor Air Comp	EMOD 225 S	
Boiler	Ubigau GmbH DGSHK-1.8/280	
OVS	CILMASTER PV2 5000VC DV2 500/000-MP2	DV2 SERVICES
LO Separator	MTSUBISHI SJ 30 GH	

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LAMPIRAN 8

SAFETY EQUIPMENT CHECK LIST

Ship's Name : **MT. PERGIWO** Date : **06th Aug 2005**

No.	Description	Location	Rule Req		On Board	Expiry Date	Check Point
			Deck	Engine			
1.	No. 1 Life Boat	Boat Deck (Starboard)	1		1	N/A	Swing out, run engine, wire reverse, wire renewal, check food, water etc.
2.	No. 2 Life Boat	Boat Deck (Port)	1		1	N/A	Swing out, run engine, wire reverse, wire renewal, check food, water etc.
3.	Embarkation Ladder		2		2	N/A	
4.	Inflatable Liferaft with Light PSNS	Boat Deck	2		4	12-05	Maker's Overhauling
		Forecastle Deck	1		1	12-05	Battery
5.	Life buoy		8		14		Battery
6.	Self-igniting light		2		6		Battery
7.	Self-Activating Smoke Signal		2		2		
8.	Life Line x m		2		4		
9.	Life jacket with whistle & light		Each Cabin		42		Battery
10.	Rocket star signal	Nav. Locker	6		12	05-07	
11.	Parachute Signal	Nav. Locker	12		12	05-07	
12.	Life Line Throwing Gun	Nav. Locker	1		4	06-05	
13.	Radar Transponder	Bridge	2		2	09-09	Battery
14.	Portable Two Way Radio	Bridge	3		3		Battery
15.	Electronic Position Indicating Radio Beacon (EPIRB)	Bridge	1		1	01-09	Battery
16.	Immersion Suits	Fire C. S.	3		3	N/A	
17.	Thermal Suits	Lifeboat P/S			8	N/A	
18.	Hose Box with 65A 40 x 18 m Hose x Nozzle (Fog Jet.)				7		
19.	65A Fire Hydrant				30	N/A	
20.	Hose Box with 65A 2.5 x 20 m Hose x Nozzle (Fog Jet.)				21	N/A	
21.	Int'l Shore Connection	Upper Deck	1		1	N/A	
22.	Fire Extinguisher (9 ltrs Foam)	Deck & E/R			29	08-05	
23.	Fire Extinguisher (45 ltrs Foam)	E/R			2	08-05	
24.	Fire Extinguisher (135 ltrs Foam)	E/R			1	08-05	
25.	Fire Extinguisher (4.5 ltrs Foam)	Upper deck & E/R			3	08-05	

No.	Description	Location	Rule Req		On Board	Expiry Date	Check Point
			Deck	Engine			
26.	Fire Extinguisher (6.8 ltrs Foam)						
27.	Foam Applicator Unit 1.850 ltr	Foam Room				08-05	
28.	CO2 Discharge Nozzle	E/R - P/R				08-05	Blow Test
29.	Fire Extingr. (6 kg Powder)	Lifeboat P/S	8				
30.	Fire Extingr. (68 kg Powder)		3				
31.	Foam Applicator Unit		3				Blow Test
32.	Fire Blanket	Galley	2		2	N/A	
33.	Protective Clothing	1. Nav. Locker			4	N/A	
34.	Safety Lamp	2. Fire Control Station			4		Battery
35.	Life Line				4	N/A	
36.	Breathing Apparatus	1. Engine Cont. Room			4		Air Press
37.	Fire Axe				4	N/A	
38.	3-way Damper in E/R					N/A	
39.	Shut Off (Hand Operated)					N/A	
40.	Mushroom Ventilator					N/A	Smooth Operation
41.	Fire Damper					N/A	
42.	Exhaust Fan	E/R			1	N/A	Emergency Stop
43.	Supply Fan	E/R			2	N/A	
44.	Fire GS Pump	E/R			2	N/A	
45.	Emergency Fire Pump	Steering Gear			1	N/A	
46.	Air horn for CO2 Discharge Alarm	E/R & P/R	2			N/A	
47.	General Alarm Fire Alarm Bell	FCS & Bridge				N/A	
48.	Fire Alarm Main Bell	E/R & P/R			2	N/A	
49.	Alarm Buzzer for CO2	E/R & P/R			2	N/A	
50.	Motor Siren for fire	E/R & P/R			2	N/A	
51.	Fire Detector	Cabin & E/R				N/A	
52.	Fire Detector Main	FCS			1	N/A	
53.	Fire Detector Sub.	Bridge			1	N/A	
54.	General Alarm Switch	FCS & Bridge			2	N/A	
55.	Fire Alarm Push Switch	Each Floor				N/A	
56.	Start for Emergency Fire Pump	FCS & Bridge			2	N/A	
57.	Emergency stop for Fire GS Pump	Bridge, ECR, CCR			3	N/A	
58.	Emergency stop for Accom. Fan & Aux	Bridge & FCS			2	N/A	
59.	Emergency stop for engine room fan & Aux	Bridge & FCS			2	N/A	
60.	Emergency Shut Off for F.O./L.O.	FCS			1	N/A	
61.	Emergency stops for pump overboard discharges	Upper Deck (p/s)			2	N/A	

CAPT. JOHANES F J S UMBOH
M A S T E R

BUDI SETIAWAN
3RD OFFICER

BOBBI B P
CHIEF OFFICER

LAMPIRAN 9

DAFTAR AWAK KAPAL (CREW LIST)

AMA KAPAL : MERATUS MAMIRI
 ENIS KAPAL : CONTAINER
 ENDERA : INDONESIA
 ISI KOTOR : GT 11964
 TENAGA PENDORONG : 10.010 KW
 DAERAH PELAYARAN : NEAR COASTAL VOYAGE
 TIBA DARI : MAKASSAR
 BERTOLAK TUJUAN : MAKASSAR

NO	NAMA AWAK KAPAL	JABATAN	PERSYARATAN PENGAWAKAN KAPAL				SERTIFIKAT KEAHLIAN PELAUT		PENGUKUHAN	B S T (NOMOR)	SIJIL
			PKL (NOMOR)	BUKU PELAUT	EXPIRE	TINGKAT	NOMOR				
1	JOHANES F.J.S UMBOH	NAKHODA	PK.308/127/05/SBY.TPK/2015	D 074433	29-06-2018	ANT I	6200527774NA0212	6200527774NA0212	6200541064010116	00	
2	BOBBI B PANGALILA	MUALIM I	8890/PKL.SBA/III/2015	X 075461	11-09-2017	ANT II	6200060469NB0211	6200060469NB0211	6200060469010716	01	
3	VANDI ADRIANTO	MUALIM II	2352/PKL.SBA/III/2016	E 062359	02-03-2019	ANT III	6201020063MC0516	6201020063MC0516	6201020063010515	02	
4	BUDI SETIAWAN	MUALIM III	9011/PKL.SBA/II/2016	A 059325	25-07-2017	ANT III	6201590493NC0314	6201590493NC0314	6201590493010311	03	
5	DARMANTO	KKM	2454/PKL.SBA/IV/2016	Y 054614	21-06-2018	ATT I	6200061065T10216	6200061065T10216	6200061065010315	04	
6	SAEPUDIN	MASINIS I	6536/PKL.SBA/IX/2015	C 047382	11-03-2017	ATT II	6200074240T20215	6200074240T20215	6200074240010111	05	
7	DWI/DANI SULISTYO	MASINIS II	3115/PKL.SBA/II/2016	D 025523	20-11-2017	ATT II	6200318298T20113	6200318298T20113	6200318298010310	06	
8	DENNY SETYAWAN	MASINIS III	329/SYB.TPK/09/2016	B 079124	20-06-2018	ATT III	6202085945T30115	6202085945T30115	6202085945010116	07	
9	HALIK SIREGAR	SERANG	7493/PKL.SBA/III/2016	X 029286	13-04-2017	ANT D	6200517326NG0502	6200517326NG0502	6200517326010502	08	
10	BONIFASius T KRISTANTO	JURU MUJI	3633/PKL.SBA/II/2016	Y 021869	08-02-2018	ANT-D	6201589990010511	6201589990010511	6201589990010511	10	
11	ERANEKA NUGROHO	JURU MUJI	7769/PKL.SBA/IX/2016	B 064246	19-05-2018	ANT D	6200129745NG0503	6200129745NG0503	6200129745010509	09	
12	HASANUDDIN MANOSOH	JURU MUJI	PK.308/816/06/SYB.TPK	B 064668	25-05-2018	D RATING	6200155180340215	6200155180340215	6200155180010715	11	
13	DIAN ARIFIN	JURU MINYAK	2290/PKL.SBA/III/2016	B 094532	14-07-2018	ATT V	6200346594T50514	6200346594T50514	6200346594010315	13	
14	ARIF PRIANTO	JURU MINYAK	2346/PKL.SBA/IV/2016	X 008866	07-01-2017	ATT D	6201502809T60710	6201502809T60710	6201581198010510	12	
15	ESAU YAKOB PATTY	JURU MINYAK	2255/PKL.SBA/IV/2016	E 023436	06-10-2018	E RATING	6200382552340515	6200382552011515	6200382552011515	14	
16	LUKMAN A SYAHBANA	JURU MASAK	3506/PKL.SBA/II/2016	B 011097	22-01-2017	D RATING	6201393071330714	6201393071330714	6201393071330714	15	
17	ASRIFIN AJJI	ELECTRICIAN	7559/PKL.SBA/III/2016	A 005707	14-01-2017	E RATING	6201322596350715	6201322596010111	6201322596010111	17	
18	THOHA RUDIN	KELASI	8264/PKL.SBA/IX/2016	D 080452	26-06-2018	D RATING	6211501627330715	6211501627330715	6211501627010715	16	
19	ARIZAL GALANG HADI. S	KADET DECK	-	E 058106	03-02-2019	-	-	-	6211553491010515	02	
20	ANDIKA SETO PUTRA. W	KADET DECK	-	D 074955	11-06-2018	-	-	-	6211441512010114	04	
21	ABDUL KOHAR	KADET MESIN	-	B 055774	26-03-2018	-	-	-	6202007327010713	01	
22	RIZAL FAHRI	KADET MESIN	-	D 075210	19-06-2018	-	-	-	6211520901010315	03	
23											
24											

MECH No. 0105492
 04 DECEMBER 2016
 SURABAYA

Capt Johannes F. Jerry S. Umboh MMar
 Nakhoda