

**LAPORAN PEMERIKSAAN
KESELAMATAN RADIO KAPAL
MENURUT STANDAR KONVENSI INTERNATIONAL
TENTANG KESELAMATAN JIWA DI LAUT 1974/1988**

**INSPECTION REPORT
SHIP SAFETY RADIO (GMDSS)
TO MEET PROVISION OF THE SAFETY OF LIFE AT SEA 1974/1988
(SOLAS 1974/1988)**

NAMA KAPAL
NAME OF SHIP

: ~~AG Garuda~~ Gas Mavi Arizona . S

PEMILIK SESUAI SURAT LAUT
OWNER AS REGISTRY CERTIFICATE

: PT. Elsanuri Ingra Pratama .

PELABUHAN PEMERIKSAAN
PORT OF INSPECTION

: Banten .

DAERAH OPERASI RADIO
SEA AREA

: A1 ☒ A1+A2 ☒ A1+A2+A3 ☒ A1+A2+A3+A4 ☐

<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PEMERIKSAAN PERTAMA
INITIAL INSPECTION
PEMERIKSAAN PEMBAHARUAN
RENEWAL INSPECTION
PEMERIKSAAN TAHUNAN
ANNUAL INSPECTION
PEMERIKSAAN ANTARA
INTERMEDIATE INSPECTION
PEMERIKSAAN TAMBAHAN
ADDITIONAL INSPECTION

**KEMENTERIAN PERHUBUNGAN
MINISTRY OF TRANSPORTATION
DIREKTORAT JENDERAL PERHUBUNGAN LAUT
DIRECTORATE GENERAL OF SEA TRANSPORTATION
DIREKTORAT PERKAPALAN DAN KEPELAUTAN
DIRECTORATE OF MARINE SAFETY**

DIREKTORAT JENDERAL PERHUBUNGAN LAUT
DIRECTORATE GENERAL OF SEA TRANSPORTATION
DIREKTORAT PERKAPALAN DAN KEPELAUTAN
DIRECTORATE OF MARINE SAFETY

LAPORAN PEMERIKSAAN KESELAMATAN RADIO KAPAL
REPORT OF SHIP SAFETY RADIO (GMDSS) INSPECTION
Untuk memenuhi Ketentuan dari SOLAS 1974/1988
To meet Provision of SOLAS 1974/1988

No /SRC/SOLAS/

Pelabuhan Pemeriksaan : Banten
Port of Inspection

Tanggal Pemeriksaan : 23.01.2021
Date of Inspection

Formulir ini berada diatas kapal dan tersedia setiap saat untuk pemeriksaan oleh Pejabat Pemeriksa Keselamatan atau Surveyor dari Badan yang diakui oleh Pemerintah :

This form must keep on board and be available for inspection by a Marine Inspector all time of

Nama Kapal Name of Ship	Tanda Panggil Call Sign	Kebangsaan dan Pelabuhan Pendaftaran Nationality and port of Registry	Berat Kotor Gross Tonnage	Tanggal Peletakan Lunas Date Keel Laid
<u>Gas Nuri Arisnu</u>	<u>PNKR</u>	<u>Tanjung Priok</u>	<u>5176</u>	<u>01.11.1994</u>

No. IMO :
IMO No 9113927

MMSI :
MMSI 625012038

Nama dan alamat dari Pemilik Perusahaan atau Keagenan :

Name and Address of Owner Manager of Managing agent :

PT. Samudera Inermia Ship Management

* Kapal baru / *Kapal lama sesuai dengan Ketentuan – ketentuan dari SOLAS New / * Existing ship under the provisions of the SOLAS 1974/1988	
* Pemeriksaan Pertama Initial Inspection	<input type="checkbox"/>
* Pemeriksaan Tahunan Annual Inspection	<input checked="" type="checkbox"/>
* Pemeriksaan Pembaharuan Renewal Inspection	<input type="checkbox"/>
* Pemeriksaan Antara Intermediate Inspection	<input type="checkbox"/>
* Pemeriksaan Tambahan Additional Inspection	<input type="checkbox"/>

DENGAN INI MENYATAKAN bahwa yang bertanda tangan dibawah ini telah memeriksa Keselamatan Radio Kapal dan ditemukan telah sesuai dengan SOLAS 1974/1988 sebagaimana tersebut dalam laporan berikut :
THIS IS TO CERTIFY that undersigned has examined Ship's Safety Radio and found them in compliance with SOLAS 1974/1988 as reported here in.

- ☐ Rekomendasi untuk hal-hal yang belum disesuaikan
Recommendation(s) left outstanding
- ☐ Sertifikat berlaku hingga
Certificate valid until
- ☐ Check dalam kondisi baik / ✓
Check of found satisfactory
- ☐ Check peralatan tidak ada / -
Check but not applicable
- ☐ Check peralatan ada tapi tidak berfungsi
Check applicable but not found satisfactory / x

Pemeriksa

Marine Inspector

DIRECTORATE GENERAL OF SEA COMMUNICATION

RECORD OF PASSENGER *CARGO* SHIP SAFETY RADIO (GMDSS)

To meet the Provision of the SOLAS 1974 as amended in 1988 for the GMDSS

No.

Survey Port Banten Survey Date 23 . 01 . 2021 .

This form must be kept on board and be available for inspection by a nominated surveyor or recognized organization

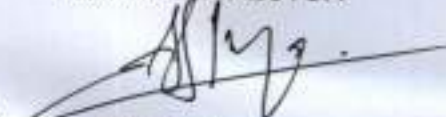
Name of Ship	Nationality and Port of Registry	Gross Tonnage	Date Keel Laid
<u>Gas Muri Arizona</u>	<u>Tanjung Priok</u>	<u>5776</u>	<u>01 . 11 . 1994 .</u>

Builders <u>Kitanihon Ship BLDG</u>	Yard No.
Class <u>KR .</u>	Classification No.
Name and Address of Owners or Managing Agents <u>Pt. Samudera Indonesia Ship Management</u>	

Signal Letters and Identification Codes			
Call Sign	<u>P N K R</u>	ID for DSC (VHF)
ID for DSC (MF/HF)	Selcall No. for NBDP
1 st ID for INMARSAT-A	2 nd ID for INMARSAT-A
ID for INMARSAT-C		

Navigations Sea Areas			
A1	<input checked="" type="checkbox"/> A1+A2	<input checked="" type="checkbox"/> A1+A2+A3	<input checked="" type="checkbox"/> A1+A2+A3+A4 <input type="checkbox"/>
Maintenance Requirements :			
Duplication of Equipment	<input type="checkbox"/>	Shore-based Maintenance	<input checked="" type="checkbox"/> At sea Maintenance <input type="checkbox"/>

MARINE INSPECTOR


(Intal tsu .)

1. SOURCE OF ELECTRICAL POWER

(1) Main source of electrical power [Ch.IV.Reg.13.1]

Volts	KVA	Sets
-------	-----	------

(2) Emergency source of electrical power [Ch.II.Reg.42 & 43]

	Voltage	Capacity	Sets	Located at
Generator	V	400 KVA	2 set	E/R
Battery	12. V	200 Ah	6 set	Bat/room

Equipments operated by emergency source of electrical power for *36/*18 hours

VHF radio installation of *Primary / *Duplicated system with DSC watch receiver..... ☒

MF radio Installation ☒

MF / HF radio Installation with DSC watch receiver ☒

INMARSAT SBS ☐

(3) Reserve source of energy (battery) [CH.IV.Reg.13]

Manufacture	Type	Voltage	Capacity	Specific wight of acid	Located at
NS.	M120	12.	200 Ah		Batt/room

(1) Setting and installation of battery ☒

(2) Means of automatically charging ☒

(3) Operating hours : 1 hour or more, if VHF, MF, MF / HF & INMARSAT

SES are operated by the emergency Source ☒

6 hours or more ☒

(4) Equipments operated by reserve source of energy :

Emergency light for radio controller ☒

VHF radio installation of *Primary/*Duplicated system ☒

MF radio installation ☒

MF / HF radio installation ☒

INMARSAT SES of *Primary / *Duplicated system ☒

2. LIFE SAVING APPLIANCES [Ch.III.Reg.6.2.1]

(1) Two-way VHF radiotelephone apparatus

No	Manufacture	Type / (Serial No.)	Channels	Approved by
1	Jotron .	TRON-TR-20 / BH.63320		USA
2	Jotron .	TRON-TR-20 / BH.63321		USA
3	Jotron .	TRON-TR-20 / BH.63322		USA

(2) Radar transponders [Ch.III.Reg.6.2.2]

No	Manufacture	Type / (Serial No.)	Channels	Approved by
1	JOTRON	Iron-SAFS-20/49777		USA
2	JRC	JRX-30A/BT.207993		Japan
3				

3. RADIO INSTALLATION [Ch.IV.Reg. 6 & 15]

- (1) Location and environmental conditions of radio installation ☒
- (2) Emergency lighting for radio controller ☒
- (3) Clear marking of call-sign, ship's ID and other codes ☒
- (4) Spare parts & tools ☒
- (5) Additional technical documentation, tools,
Measuring equipment & sprats "At sea maintenance" ☒

4. COMPOSITION OF RADIO INSTALLATION (Ch.IV.Reg.8.9.10.11 & 15)

- (1) Primary system
VHF ☒ MF ☐ MF/HF ☒ INMARSAT C ☒
- (2) Duplicated system
VHF ☒ MF / HF ☐ INMARSAT ☐
- (3) Second means of alerting
VHF(DSC) ☒ MF(DSC) ☐ HF(DSC) ☐ INMARSAT-A ☐
INMARSAT-C ☒ VHF EPIRB ☐ 406 MHz EPIRB ☐ INMARSAT EPIRB ☐

5. RADIO EQUIPMENT – Primary & Duplicated system [Ch.IV.Reg.7.8.9.10 & 11]

(1) VHF radio Installation

**	Manufacture	Type / (Serial No.)	Output power	Channels	Approved by
P	JRC	JHS-32A / BH-58537			Japan
D	JRC	JHS-32A / BH-58538			Japan

- (1) Initiation of DSC distress alert on ch70 from normal navigating position ☒
- (2) Highest priority of controller in wheel house ☒
- (3) Facilities for bridge wings communication
Extension cord * Fixed handset line * VHF transceiver ☐
- (4) VHF DSC function : combined with VHF radio installation ☒
Separated from VHF radio installation ☐

Separated VHF DSC terminal

**	Manufacture	Type / (Serial No.)	Approved by	Located at
P	-	- (-)	-	-
D	-	- (-)	-	-

(5) VHF DSC receiver

- VHF DSC watch keeping function : combined with VHF radio installation ☐
Separated from VHF radio installation ☐

Separated VHF DSC watch receiver on ch70

Manufacture	Type / (Serial No.)	Approved by	Located at
-	- (-)	-	-

(2) MF radio Installation

Manufacture	Type / (Serial No.)	Approved by	Located at
—	— (—)	—	—

(1) Initiation of DSC distress alert on 2187.5kHz from normal navigating position ☐(2) VHF DSC function : combined with MF radio installation ☐separated from MF radio installation ☐

Separated MF DSC terminal

Manufacture	Type / (Serial No.)	Approved by	Located at
—	—	—	—

(3) MF DSC watch receiver

(4) MF DSC watch keeping function : combined with MF radio installation ☐separated from MF / HF radio installation ☐

Separated MF DSC watch receiver on 2187.5 KHz

Manufacture	Type / (Serial No.)	Approved by	Located at
—	—	—	—

(3) MF / HF radio installation

Manufacture	Type / (Serial No.)	Approved by	Located at
JRC	N(n-2150 / BJ 57514	Japan	Japan Bridge

(1) Initiation of DSC distress alert from normal navigating position ☒(2) MF / HF DSC function : combined with MF/HF radio installation ☒separated from MF/HF radio installation ☒

Separated MF/HF DSC terminal

Manufacture	Type / (Serial No.)	Approved by	Located at
—	—	—	—

(3) MF/HF DSC watch receiver

MF/HF DSC watch keeping function :

combined with MF/HF installation ☐separated from MF/HF radio installation ☐

Separated MF/HF DSC watch receiver

Manufacture	Type / (Serial No.)	Approved by	Located at
—	—	—	—

(4) Direct printing telegraphy

Direct printing telegraphy function :

combined with MF/HF installation ☐separated from MF/HF radio installation ☐

Separated direct printing telegraphy terminal

Manufacture	Type / (Serial No.)	Approved by	Located at
—	—	—	—

(4) INMARSAT ship earth station

**	Manufacture	INMAR-A or C	Type / (Serial No.)	Approved by	Located at
P	JRC	C	MD2-127C / 11407	Jagan	Bridge
D	—	—	—	—	—

- (1) Initiation of distress alert from normal navigating position ☒
- (2) Antenna situation : ☒
- fitted high as possible ☒
- sufficiently separated from other antenna ☒
- fitted in such position that no obstacles significantly degrade the performance ☒
- (3) In case of INMARSAT-A or other tracking antenna : ☐
- ensuring of continuous supply of ship's heading information ☐

6. RADIO EQUIPMENT-MSI receiving facilities [Ch.IV.Reg. 7 & 12]

(1) NAVTEX receiver

Manufacture	Type / (Serial No.)	Approved by	Located at
JRC	NR333 (GD260701)	Jagan	Bridge

(2) EGC receiver / recorder

- (1) EGC function : built in INMARSAT-C (Class 2) ☒
- added to INMARSAT-A ☒
- separated from INMARSAT SES ☒

Separated EGC receiver / decoder

Manufacture	Type / (Serial No.)	Approved by	Located at
—	— (—)	—	—

(3) HF NBDP receiver

- (1) HF NBDP receiving function : built in MF/HF radio installation ☐
- Separated from MF/HF radio installation ☐

Separated HF NBDP receiver

Manufacture	Type / (Serial No.)	Approved by	Located at
—	— (—)	—	—

7. RADIO EQUIPMENT – EPIRB [Ch.IV.Reg.7]

- (1) VHF EPIRB, in case of ship navigation only A1 area ☒
- (2) Satellite EPIRB : COSPAS – SARSAT system (406MHz) ☒
- INMARSAT system (1,6 GHz) ☒

Manufacture	Type / (Serial No.)	Approved by	Located at
Jotron .	TRON-631 .)	USA .	Bridge / Mini

- (1) Data of unique beacon identification code
 (2) Homing facilities :
 (3) Type of release sensor :

8. RADIO EQUIPMENT – Ship's radar transponder on 9GHz [Ch.IV.Reg.7]

- (1) One of those required by Ch.III.Reg.6.2.2 for survival craft ☐
 (2) Use exclusively onboard ship ☐

Radar transponder used exclusively

Manufacture	Type / (Serial No.)	Approved by	Located at
—	— (—)	—	—

9. RADIO EQUIPMENT – Radiotelephone distress frequency facilities on 2182kHz

- (1) Radiotelephony distress frequency watch receiver on 2182kHz [Ch.IV.Reg.9.10 & 11]

Manufacture	Type / (Serial No.)	Approved by	Located at
—	— (—)	—	—

If located in radio room : A speaker with mute device is provided in bridge ☐

- (2) Radiotelephone alarm signal generator on 2182kHz [Ch.IV.Reg.7]

Manufacture	Type / (Serial No.)	Approved by	Located at
—	— (—)	—	—

10. DOCUMENTATION [Ch.V.Reg.20 & Appendix 11, section V.A of ITU radio]

- (1) Radio station license ☒
 (2) certificates of radio personnel ☒
 (3) Radio log ☒
 (4) Alphabetical list of Call Sign and Numerical Label of identification of station ☒
 (Coast, coast earth, ship, ship earth, radio, determination & special service station)..... ☒
 (5) List of ship station ☒
 (6) Manual of use by maritime mobile and maritime mobile satellite service ☒

11. SPECIAL FEATURES OR ADDITIONAL INFORMATION, if any

HBU EPIRB sudah EX (kawatluarsa) .

12. OTHER EQUIPMENT PROVIDED

[illegible]

DIRECTORATE GENERAL OF SEA COMMUNICATION
DIRECTORAT OF MARINE SAFETY

Survey Record No _____

Survey date _____

Ship's name _____

Ship's Flag _____

Gas Muri Arizona
Indonesia

CHECK LIST FOR *INITIAL / *RENEWAL SURVEY OF *PASSENGER/
*CARGO SHIP SAFETY RADIO

1. SHIP NAVIGATING AREAS (Ch.IV.Reg.2,8-11)

A1..... ☒ A1+A2 ☒ A1+A2+A3 ☒ A1+A2+A3+A4 ☒

2. METHODS OF ENSURING AVAILABILITY OF EQUIPMENT (Ch.IV.Reg.15)

☐ Duplication of equipment ☒ Shore based maintenance
☐ At-sea electronic maintenance capability (On-board maintenance)

3. RADIO PERSONNEL (Ch.IV.Reg.16)

**	Name of Radio Operator	Class & Certificate No.	Certificate issued by
1	<i>Imam Purnadi</i>	<i>ORV 704129/SV/T/11/2020</i>	<i>Direjen SD. Pas & Inf</i>
2	<i>Amanan</i>	<i>ORV 70255/SV/T/11/2019</i>	<i>Direjen SD. Pas & Inf</i>

** Check with "√" for the radio operator who is designated to have primary responsibility for radio communication – during distress incidents.

4. ACTUAL PROVISION OF SHIP'S RADIO EQUIPMENT

Primary : (VHF) ☒ (MF) ☐ (MF/HF) ☒ (INMARSAT) ☒
Duplicates System : ☒ ☐ ☐ ☐

5. AVAILABILITY AND CONDITION

5.1 VHF radio Installation

5.1.1 Radiotelephony (P) ☒ (D) ☒
5.1.2 DSC (Digital Selective Call) ☒ ☒
5.1.3 DSC watch-keeping ☒ ☒

5.2 MF radio installation

5.2.1 Radiotelephony ☐
5.2.2 DSC ☐
5.2.3 DSC watch-keeping ☐

5.3 MF/HF radio installation

5.3.1 Radiotelephony ☒ ☐
5.3.2 DSC ☒ ☐
5.3.3 DSC watch-keeping ☒ ☐
5.3.4 Direct printing radio telegraphy ☒ ☐

5.4 INMARSAT ship earth station

5.4.1 INMARSAT-A Radiotelephony ☐ ☐
Direct-printing radiotelegraphy ☐ ☐
5.4.2 INMARSAT-C Direct-printing radiotelegraphy ☒ ☐

APPENDIX
 PHOTO FOR
 CARGO SHIP SAFETY RADIO
 TO MEET THE PROVISION OF THE SOLAS 1974/1988

VHF I	VHF II	MF/HF
INMARSAT	NAVTEX	EPIRB
SART	TWO WAY	RADAR I

RADAR II	ECHO SOUNDER	LRIT
VDR/SVDR	GPS	AIS
WEATHER FAX		

REKOMENDASI HASIL PEMERIKSAAN MI
RECOMMENDATION OF MI'S INSPECTION

Nama kapal / Ships name : Gas Muri (Arbore) .
Tanda panggil / Call sign : PNKR .
Isi kotor / Gross tonnage : 5176 .
Tahun pembuatan / Year building : 1994 .
Tipe kapal / Type of ships : LPG - Carrier .
Pelabuhan pendaftaran / Port of registry : Tg. Priok .
Pemilik / Owner / Ship management : PT. Samudera Indonesia Ship Management .
Jenis pemeriksaan / Type of Inspection : Annual .
Hasil pemeriksaan yang harus dilakukan
Followed item inspection should be done

NO	REKOMENDASI	TINDAK LANJUT
1	HRU EPIRB sudah Exp (kadaluarsa) .	
2	pasok SAE & penutup kapal 81m sudah baru .	

Catatan dan hasil pemeriksaan ini agar ditindak lanjuti sebagaimana mestinya
Record of above inspection as soon possible should be done as procedure

Direkomendasi bahwa permohonan dapat

☒ Diterima ☐ Ditolak ☒ Sertifikat dapat diterbitkan ☐ Diadakan tindakan perbaikan

Banten 23 . 01 . 2021 .

Master

SAEPUL ANWAR

(SAEPUL ANWAR)



Marine Inspector

(Insan Is)

17604302009121001

