



**CARGO SHIP SAFETY  
EQUIPMENT CERTIFICATE**

**REISSUED**

**REPUBLIC OF THE MARSHALL ISLANDS**

This certificate shall be supplemented by a Record of Equipment for Cargo Ship Safety (Form E) Issued under the provisions of the International Convention for the Safety of Life at Sea, 1974, as modified by the Protocol of 1988 relating thereto under the authority of the Government of **REPUBLIC OF THE MARSHALL ISLANDS** by the Korean Register of Shipping.

Name of Ship	Distinctive Number or Letters	Port of Registry	Gross Tonnage	Deadweight (metric tons)*	IMO Number **
<b>GOLDEN RAY</b>	<b>7762</b>	<b>MAJURO</b>	<b>71,178</b>	<b>-</b>	<b>9775816</b>

Length of Ship(Regulation III/3.12) 189.071 m

Type of Ship\*\*\*

- Bulk Carrier
- Oil tanker
- Chemical tanker
- Gas carrier
- Cargo ship other than any of the above

Date on which keel was laid or ship was at a similar stage of construction or, where applicable, date on which work for a conversion or an alteration or modification of a major character was commenced

23 December 2015

**THIS IS TO CERTIFY:**

1. That the ship has been surveyed in accordance with the requirements of Regulation I/8 of the Convention.

**Verified**

2. That the survey showed that :

2.1 the ship complied with the requirements of the Convention as regards fire safety systems and appliances and fire control plans :

2.2 the life-saving appliances and the equipment of lifeboats, liferafts and rescue boats were provided in accordance with the requirements of the Convention;

\* For oil tankers, chemical tankers and gas carriers only.

\*\* In accordance with the IMO ship identification number scheme, adopted by the Organization by resolution A.600(15).

\*\*\* Delete as appropriate.

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2.3 the ship was provided with a line-throwing appliance and radio installations used in life-saving appliances in accordance with the requirements of the Convention;

2.4 the ship complied with the requirements of the Convention as regards shipborne navigational equipment, means of embarkation for pilots and nautical publications;

2.5 the ship was provided with lights, shapes, means of making sound signals and distress signals in accordance with the requirements of the Convention and the International Regulations for Preventing Collisions at Sea in force;

2.6 in all other respects the ship complied with the relevant requirements of the Convention;

2.7 the ship ~~was~~/was not\* subjected to an alternative design and arrangements in pursuance of regulation II-2/17\* / III/38\* of the Convention;

2.8 a Document of approval of alternative design and arrangements for fire protection\* / life-saving appliances and arrangements\* ~~is~~/is not\* appended to this Certificate.

3. That the ship operates in accordance with regulation III/26.1.1.1\*\* within the limits of the trade area

\_\_\_\_\_.

4. That an Exemption Certificate has\* /~~has not~~\* been issued.

This certificate is valid until 4th day of December 2022 \*\*\* subject to the annual and periodical surveys in accordance with regulation I/8 of the Convention.

Completion date of survey on which this certificate is based: 05 December 2017

Issued at Ulsan on the 19th day of December 2017

**KOREAN REGISTER OF SHIPPING**

\_\_\_\_\_  
**Surveyor ( Han Kang-sub )**

\* Delete as appropriate.

\*\* Refer to the 1983 amendments to SOLAS (MSC.6(48)), applicable to ships constructed on or after 1 July 1986, but before 1 July 1998 in the case of self-righting partially enclosed lifeboat(s) on board.

\*\*\* Insert the date of expiry as specified by the Administration in accordance with regulation I/14(a) of the Convention. The day and the month of this date correspond to the anniversary date as defined in regulation I/2(n) of the Convention, unless amended in accordance with regulation I/14(h)

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## ENDORSEMENT FOR ANNUAL AND PERIODICAL SURVEYS

THIS IS TO CERTIFY that, at a survey required by Regulation I/8 of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Annual Survey : Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

Annual\*/Periodical\* Survey : Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

Annual\*/Periodical\* Survey : Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

Annual Survey : Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

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\* Delete as appropriate.

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**Annual/Periodical Survey in accordance with Regulation I/14(h) (iii)**

THIS IS TO CERTIFY that, at an annual\*/periodical\* survey in accordance with Regulation I/14(h) (iii) of the Convention, the ship was found to comply with the relevant requirements of the Convention.

Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

**Endorsement to extend the certificate if valid for less than 5 years where Regulation I/14(c) applies**

The ship complies with the relevant requirements of the Convention, and this certificate shall, in accordance with Regulation I/14(c) of the Convention, be accepted as valid until \_\_\_\_\_

Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

**Endorsement where the renewal survey has been completed and Regulation I/14(d) applies**

The ship complies with the relevant requirements of the Convention, and this certificate shall, in accordance with Regulation I/14(d) of the Convention, be accepted as valid until \_\_\_\_\_

Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

\_\_\_\_\_  
\* Delete as appropriate.

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**Endorsement to extend the validity of the certificate  
until reaching the port of survey or for a period of grace  
where Regulation I/14(e) or I/14(f) applies**

This certificate shall, in accordance with Regulation I/14(e)\*/I/14(f)\* of the Convention, be accepted as valid until \_\_\_\_\_

Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

**Endorsement for advancement of anniversary date  
where Regulation I/14(h) applies**

In accordance with Regulation I/14(h) of the Convention, the new anniversary date is \_\_\_\_\_

\_\_\_\_\_

Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

In accordance with Regulation I/14(h) of the Convention, the new anniversary date is \_\_\_\_\_

\_\_\_\_\_

Signed : \_\_\_\_\_

Place : \_\_\_\_\_

Date : \_\_\_\_\_

\* Delete as appropriate.

## RECORD OF EQUIPMENT FOR CARGO SHIP SAFETY (FORM E)

RECORD OF EQUIPMENT FOR COMPLIANCE WITH  
THE INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974, AS AMENDED

### 1. PARTICULARS OF SHIP

Name of ship GOLDEN RAY

Distinctive number or letters 7762

### 2. DETAILS OF LIFE-SAVING APPLIANCES

1. Total number of persons for which life-saving appliances are provided			<b>31</b>	
Item	Port side	Starb'd side	3 Total number of free-fall lifeboats	<u>1</u>
2 Total number of davit launched lifeboats	-	-	3.1 Total number of persons accommodated by them	<u>34</u>
2.1 Total number of persons accommodated by them	-	-	3.2 Number of totally enclosed (regulation III/31 and LSA Code section 4.7)	<u>1</u>
2.2 Number of self-righting partially enclosed lifeboats (regulation III/43*)	-	-	3.3 Number of lifeboats with a self-contained (regulation III/31 and LSA Code section 4.8)	<u>-</u>
2.3 Number of totally enclosed lifeboats (regulation III/31 and LSA Code section 4.6)	-	-	3.4 Number of fire-protected (regulation III/31 and LSA Code section 4.9)	<u>-</u>
2.4 Number of lifeboats with a self-contained air support system (regulation III/31 and LSA Code section 4.8)	-	-	4 Number of motor lifeboats (included in the total lifeboats shown in 2 and 3 above)	<u>1</u>
2.5 Number of fire-protected lifeboats (regulation III/31 and LSA Code section 4.9)	-	-	4.1 Number of lifeboats fitted with searchlights	<u>1</u>
2.6 Other lifeboats			5 Number of rescue boats	<u>1</u>
2.6.1 Number	-	-	5.1 Number of boats which are included in the total lifeboats shown in 2 and 3 above	<u>-</u>
2.6.2 Type	-	-		

\* Refer to the 1983 amendments to SOLAS (MSC.6(48)), applicable to ships constructed on or after 1 July 1986, but before 1 July 1998.

**2. DETAILS OF LIFE-SAVING APPLIANCES(Continued)**

6 Liferafts		7. Number of lifebuoys	<b>16</b>
6.1 Those for which approved launching appliances are required		8. Number of lifejackets	<b>45</b>
6.1.1 Number of liferafts	<b>2</b>	9. Immersion suits	
6.1.2 Number of persons accommodated by them	<b>36</b>	9.1 Total number	<b>44</b>
6.2 Those for which approved launching appliances are not required		9.2 Number of suits complying with the requirements for lifejackets	-
6.2.1 Number of liferafts	<b>2</b>	10. Number of anti-exposure suits	-
6.2.2 Number of persons accommodated by them	<b>36</b>	11. Radio installations used in life-saving appliances	
6.3 Number of liferafts required by Regulation III/31.1.4	-	11.1 Number of search and rescue locating devices	<b>2</b>
		11.1.1 Radar search and rescue transponders (SART)	<b>2</b>
		11.1.2 AIS search and rescue transmitters (AIS-SART)	-
		11.2 Number of two-way VHF radiotelephone apparatus	<b>6</b>

**3. DETAILS OF NAVIGATIONAL SYSTEMS AND EQUIPMENT**

Item	Actual Provision	Item	Actual Provision
1.1 Standard magnetic compass*	<b>Fitted</b>	1.8 Means of correcting heading and bearings	<b>Fitted</b>
1.2 Spare magnetic compass*	<b>Fitted</b>	1.9 Transmitting heading device (THD)*	-
1.3 Gyro compass*	<b>Fitted</b>	2.1 Nautical charts/ Electronic chart display and information system(ECDIS)**	<b>Provided</b>
1.4 Gyro compass heading repeater*	<b>Fitted</b>	2.2 Back-up arrangements for ECDIS	<b>ECDIS</b>
1.5 Gyro compass bearing repeater*	<b>Fitted</b>	2.3 Nautical publications	<b>Provided</b>
1.6 Heading or track control system*	<b>Fitted</b>	2.4 Back-up arrangements for electronic nautical publications	<b>Provided</b>
1.7 Pelorus or compass bearing device*	<b>Fitted</b>		

\* Alternative means of meeting this requirement are permitted under regulation V/19. In case of other means they shall be specified.

\*\* Delete as appropriate.

**3. DETAILS OF NAVIGATIONAL SYSTEMS AND EQUIPMENT (Continued)**

Item	Actual provision	Item	Actual provision
3.1 Receiver for a global navigation satellite system / <del>terrestrial radio navigation system</del> *, **	<b>Fitted</b>	6.2 Speed and distance measuring device (over the ground in the forward and athwartship direction)*	<b>Fitted</b>
3.2 9 GHz radar*	<b>Fitted</b>	7 Echo-sounding device*	<b>Fitted</b>
3.3 Second radar (3 GHz/9 GHz)***)*	<b>Fitted</b>	8.1 Rudder, propeller, thrust, <del>pitch and operational mode</del> indicator ***)*	<b>Fitted</b>
3.4 Automatic radar plotting aid (ARPA)*	<b>Fitted</b>	8.2 Rate-of-turn indicator*	<b>Fitted</b>
3.5 Automatic tracking aid*	<b>ARPA</b>	9 Sound reception system*	<b>Fitted</b>
3.6 Second automatic tracking aid*	-	10 Telephone to emergency steering position*	<b>Fitted</b>
3.7 Electronic plotting aid*	-	11 Daylight signalling lamp*	<b>Provided</b>
4.1 Automatic identification system(AIS)	<b>Fitted</b>	12 Radar reflector*	-
4.2 Long-range identification and tracking system	<b>Fitted</b>	13 International Code of Signals	<b>Provided</b>
5.1 Voyage data recorder (VDR)	<b>Fitted</b>	14 IAMSAR Manual, Volume III	<b>Provided</b>
5.2 Simplified-voyage data recorder (S-VDR)	-	15 Bridge navigational watch alarm system (BNWAS)	<b>Fitted</b>
6.1 Speed and distance measuring device (through the water)*	<b>Fitted</b>		

THIS IS TO CERTIFY that this Record is correct in all respects.

Issued at Ulsan on the 19th day of December 2017

**KOREAN REGISTER OF SHIPPING**

\_\_\_\_\_  
**Surveyor ( Han Kang-sub )**

\* Alternative means of meeting this requirement are permitted under regulation V/19. In case of other means they shall be specified.

\*\* Delete as appropriate