

Sewage and Graywater Discharge Record Book

MARPOL Annex IV

acc. Res. MEPC.275(69) and
Title 33 CFR § 159.315

Formularus-
Sample

Name of ship

IMO-Nº

commenced

ended

Checked, changed: 16.04.2018; last revision: 16.04.2018

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Polar Code

PART II-B

ADDITIONAL GUIDANCE REGARDING THE PROVISIONS OF THE INTRODUCTION AND PART II-A

-Excerpt-

4.2 Operational requirements

4.2.1 Discharges of sewage within polar waters are prohibited except when performed in accordance with MARPOL Annex IV and the following requirements:

- .1 the ship is discharging comminuted and disinfected sewage in accordance with regulation 11.1.1 of MARPOL Annex IV at a distance of more than 3 nautical miles from any ice-shelf or fast ice and shall be as far as practicable from areas of ice concentration exceeding 1/10; or
- .2 the ship is discharging sewage that is not comminuted or disinfected in accordance with regulation 11.1.1 of MARPOL Annex IV and at a distance of more than 12 nautical miles from any ice-shelf or fast ice and shall be as far as practicable from areas of ice concentration exceeding 1/10; or
- .3 the ship has in operation an approved sewage treatment plant certified by the Administration to meet the operational requirements in either regulation 9.1.1 or 9.2.1 of MARPOL Annex IV, and discharges sewage in accordance with regulation 11.2 of Annex IV and shall be as far as practicable from the nearest land, any ice-shelf, fast ice or areas of ice concentration exceeding 1/10.

4.2.2 Discharge of sewage into the sea is prohibited from category A and B ships constructed on or after 1 January 2017 and all passenger ships constructed on or after 1 January 2017, except when such discharges are in compliance with paragraph 4.2.1.3 of this chapter.

4.2.3 Notwithstanding the requirements of paragraph 4.2.1, category A and B ships that operate in areas of ice concentrations exceeding 1/10 for extended periods of time, may only discharge sewage using an approved sewage treatment plant certified by the Administration to meet the operational requirements in either regulation 9.1.1 or 9.2.1 of MARPOL Annex IV. Such discharges shall be subject to the approval by the Administration.

Note:

The implementation of regulations on sewage and graywater is in constant progress in various countries. Owners and operators are advised to monitor the latest developments.

- ☐ All documents and records related to the maintenance, repairs, inspections etc. of the sewage treatment plant are kept separately.
- ☐ Number of the appropriate filing according to vessels' SMM: _____

Details of persons authorized to sign

[illegible]

Abbreviations for vessels' discharge ports

Abbreviation To be used in Table A	Full description of vessels' discharge port
Example: SUK	Example: Starboard, upper kingston

Categories of discharged effluents

Category To be used in Table A	Categories of discharged effluents
A	Treated sewage
B	Untreated sewage
C	Graywater
D	Sewage and graywater mixture

Details of Sewage Treatment

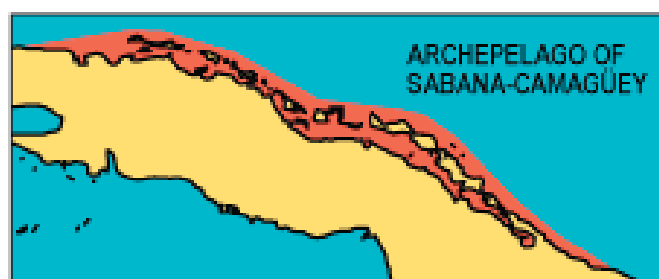
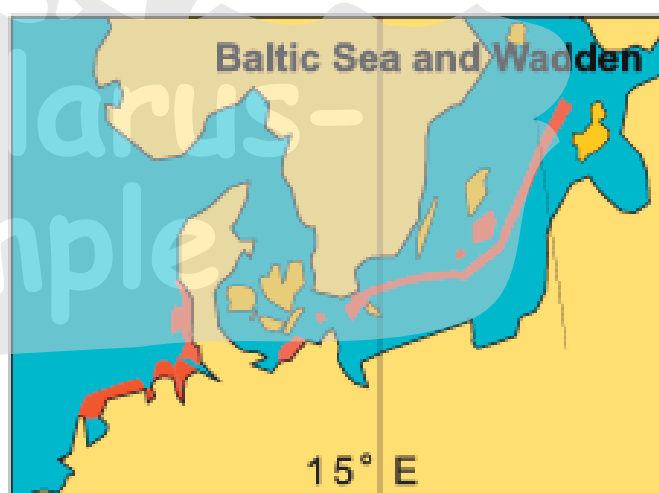
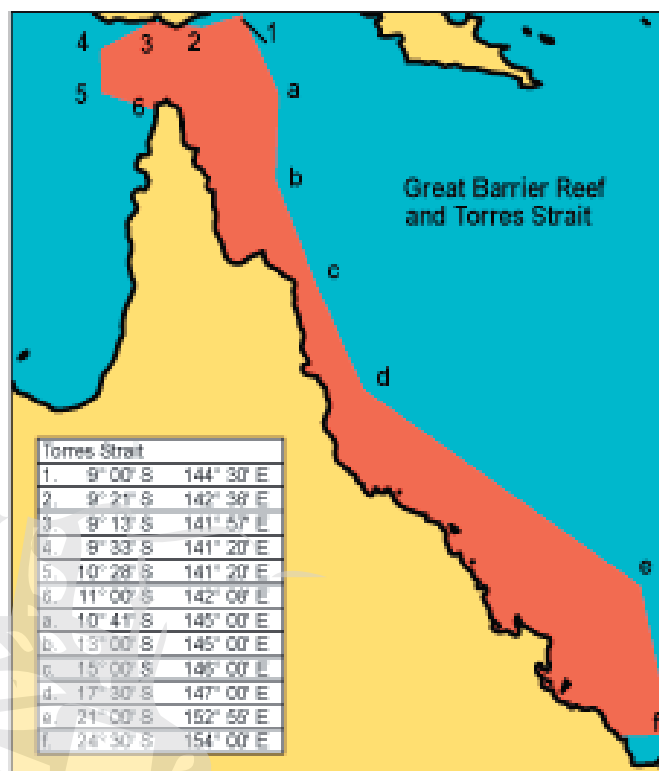
- ☐ Sewage is treated according to MARPOL Annex IV as stated in the ISPPC.
- ☐ Sewage is **not** treated as per MARPOL Annex IV.

Description of procedures different from MARPOL Annex IV, if any:

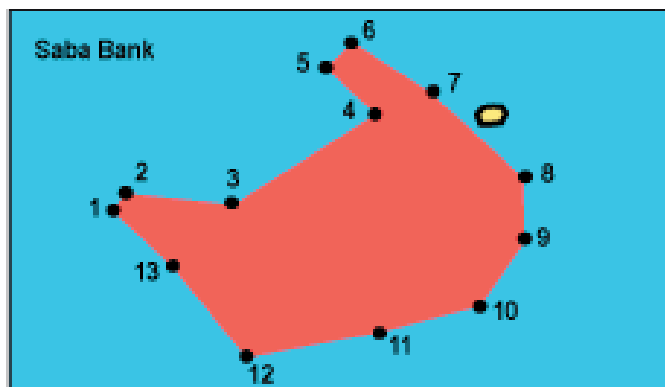
Particularly Sensitive Sea Area (PSSA)

LIST OF PSSA'S DESIGNATED BY NEPC			
PSSA	Proposing State(s)	Associated Protective Measures ¹	NEPC resolution
Great Barrier Reef	Australia	IMO-recommended Australian system of pilotage; mandatory ship reporting system	September 1990 (Resolution MEPC.44(30))
Archipelago of Sabana-Camagüey	Cuba	Area to be avoided	September 1997 (Resolution MEPC.74(40))
Sea Area Around Malpelo Island	Colombia	Area to be avoided	March 2002 (Resolution MEPC.97(47))
Marine Area Around the Florida Keys	United States	Areas to be avoided; mandatory no anchoring areas	March 2002 (Resolution MEPC.98(47))
Wadden Sea	Netherlands, Denmark, Germany	Mandatory deep water route	October 2002 (Resolution MEPC.101(48))
Paracas National Reserve	Peru	Area to be avoided	July 2003 (Resolution MEPC.106(49))
Western European Waters	Belgium, France, Ireland, Portugal, Spain, and the United Kingdom	Mandatory ship reporting system	October 2004 (Resolution MEPC.121(52))
Torres Strait as an extension to GBR PSSA	Australia and Papua New Guinea	IMO-recommended Australian system of pilotage; two-way route	July 2005 (Resolution MEPC.133(53))
Canary Islands	Spain	Areas to be avoided; traffic separation systems; recommended routes; mandatory ship reporting system	July 2006 (Resolution MEPC.134(53))
Galapagos Archipelago	Ecuador	Area to be avoided; mandatory ship reporting system; recommended tracks	July 2006 (Resolution MEPC.135(53))
Baltic Sea Area	Denmark, Estonia, Finland, Germany, Latvia, Lithuania, Poland and Sweden	Traffic separation schemes; deep-water route; areas to be avoided; mandatory ship reporting system; MARPOL Special Area; MARPOL SO ₂ Emission Control Area	July 2006 (Resolution MEPC.136(53))
Papahānaumokuākea Marine National Monument (North-western Hawaiian Islands)	United States	Areas to be avoided; recommended/mandatory ship reporting system	March 2007 (Resolution MEPC.171(57))
Strait of Bonifacio	France and Italy	Recommendation on navigation	July 2011 (Resolution MEPC.204(62))
Saba Bank (Caribbean Island of Saba)	The Netherlands	Area to be avoided by vessels ≥ 300 GT Mandatory no anchoring area	October 2012 (Resolution MEPC.226(64))
Jomard Entrance	Papua New Guinea	Two-way-routing system	October 2016 (Resolution MEPC.283(70))
Tubbataha	Philippines	Area to be avoided by vessels ≥ 150 GT	July 2017 (Resolution MEPC.294(71))

¹ This table only lists those APMs that have been specifically identified as APMs per se. There may be other IMO-adopted measures in the designated PSSA. In some cases, national measures may also be relevant.



Archipelago of Sabana-Camagüey		
23°11' 0 N	82°00' 0 W	Punta Tijeras
23°18' 0 N	81°05' 2 W	Cayo Mono
23°16' 8 N	80°54' 9 W	Faro Cruz del Padre
23°13' 8 N	80°18' 6 W	
22°58' 8 N	79°45' 4 W	Cayo La Vela
22°41' 4 N	78°53' 4 W	
22°37' 6 N	78°38' 8 W	Cayos Guillemitos
22°32' 9 N	78°22' 8 W	
22°28' 8 N	78°10' 0 W	Cayo Paredón Grande
22°21' 1 N	77°51' 7 W	Bajo Tributarios de Minerva
22°11' 5 N	77°38' 8 W	Cayo Confitas
21°38' 6 N	77°08' 4 W	Punta Matemílos
21°16' 1 N	76°21' 4 W	

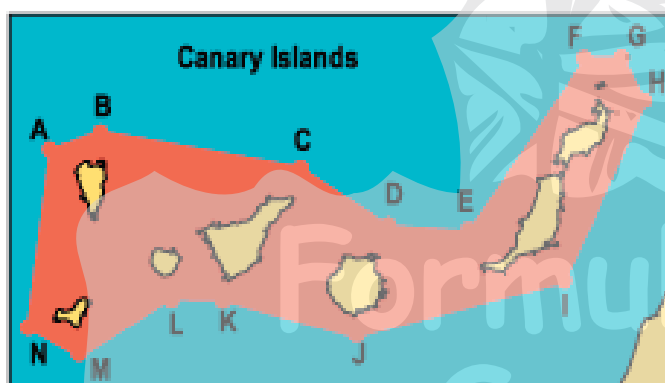


Saba Bank

1. 17° 27' 06" N 063° 56' 14" W	8. 17° 30' 66" N 063° 10' 82" W
2. 17° 29' 00" N 063° 56' 09" W	9. 17° 23' 80" N 063° 11' 25" W
3. 17° 27' 94" N 063° 43' 32" W	10. 17° 18' 27" N 063° 15' 85" W
4. 17° 38' 03" N 063° 27' 41" W	11. 17° 15' 44" N 063° 28' 89" W
5. 17° 43' 35" N 063° 32' 74" W	12. 17° 10' 55" N 063° 41' 81" W
6. 17° 45' 58" N 063° 29' 98" W	13. 17° 20' 85" N 063° 49' 89" W
7. 17° 40' 34" N 063° 21' 10" W	

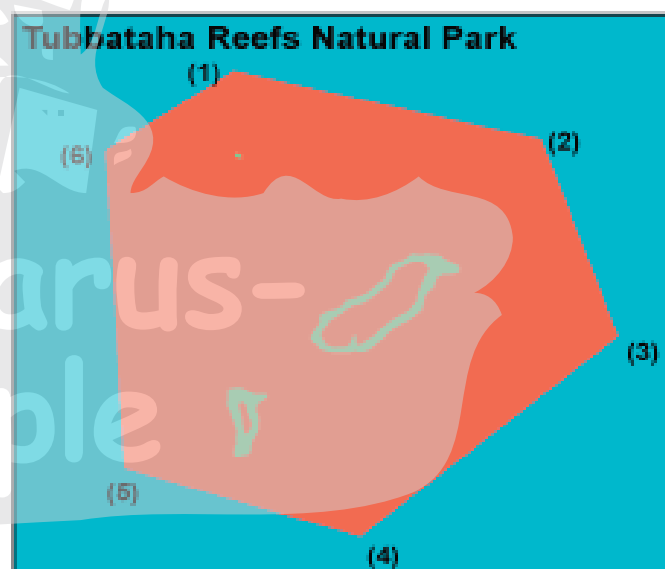


A	04°04'48" N	81°43'18" W
B	04°04'48" N	81°28'07" W
C	03°52'09" N	81°28'07" W
D	03°52'09" N	81°43'18" W



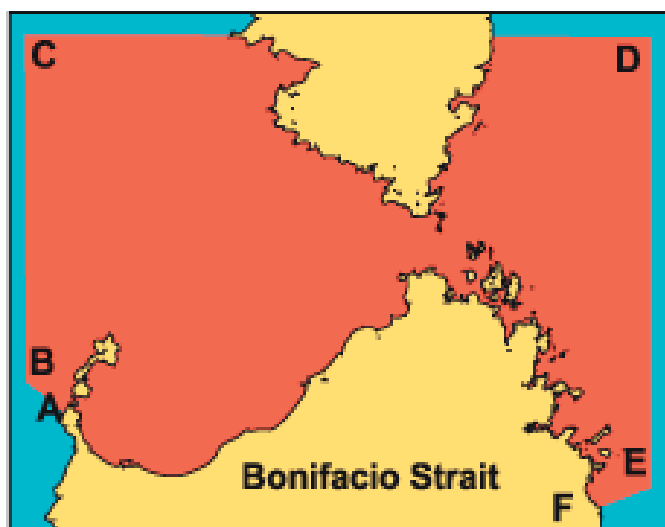
Canary Islands

A	28° 58' N	016° 13' W	H	29° 17' N	015° 06' W
B	28° 04' N	017° 47' W	I	27° 57' N	013° 48' W
C	28° 48' N	016° 04' W	J	27° 32' N	015° 35' W
D	28° 22' N	015° 19' W	K	27° 48' N	016° 45' W
E	28° 19' N	014° 36' W	L	27° 48' N	017° 11' W
F	28° 37' N	013° 38' W	M	27° 23' N	017° 08' W
G	29° 37' N	013° 19' W	N	27° 38' N	018° 25' W



Tubbataha Reefs Natural Park

1	09°17.75'N	119°47.79'E	4	08°29.63'N	119°53.16'E
2	09°04.73'N	120°12.76'E	5	08°36.15'N	118°35.46'E
3	08°49.63'N	120°13.99'E	6	09°11.08'N	119°38.67'E



To the north: a line linking point 41° 45' 00" N – 008° 01' 48" E to point 41° 45' 00" N – 009° 48' 30" E passing the French coast (Cap Muro to the west and Anse de Tarou to the east);

On the western side: a line linking points 41° 45' 00" N – 008° 01' 48" E; 41° 06' 35" N – 008° 01' 48" E and 40° 58' 00" N – 008° 12' 00" E on the Italian coast; and on the eastern side, a line linking points 41° 45' 00" N – 009° 48' 30" E; 40° 51' 08" N – 009° 48' 30" E

and 40° 45' 56" N – 009° 41' 42" E on the Italian coast to the south.

The Particularly Sensitive Sea Area is bounded by the points A, B, C, D, E, and F as set out in the map above.



PSSA Jomard Entrance, Papua New Guinea

1	11°10'00"S	151°53'00"E
2	11°26'00"S	151°59'30"E
3	11°28'00"S	152°08'24"E
4	11°23'00"S	152°13'00"E
5	11°10'00"S	152°13'00"E

Table A - Discharge at sea

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Signature of master: _____ Date: _____



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Condensed regulations of MARPOL Annex IV

Discharging of sewage		
from treatment plants Paragraph 1.2 of Regulation 11	comminuted and disinfected Paragraph 1.1 of Regulation 11	untreated Paragraph 1.1 of Regulation 11
<ul style="list-style-type: none"> – Certified sewage treatment plant that meet the requirements referred to Paragraph 1.1 of Regulation 9 – no visible floating solids and no discoloration in surrounding waters 	<ul style="list-style-type: none"> – at least 3 nm from the nearest land 	<ul style="list-style-type: none"> – at least 12 nm from the nearest land – rate of discharge approved by the Administration – Ship proceeding en route – Minimum speed 4 kts



Formularus-Sample