

RESOLUTION MEPC.392(82) (adopted on 4 October 2024)  
AMENDMENTS TO THE ANNEX OF THE PROTOCOL OF 1997 TO AMEND THE  
INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS,  
1973, AS MODIFIED BY THE PROTOCOL OF 1978 RELATING THERETO

## **ANNEX**

### **RESOLUTION MEPC.392(82) (adopted on 4 October 2024)**

#### **AMENDMENTS TO THE ANNEX OF THE PROTOCOL OF 1997 TO AMEND THE INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS, 1973, AS MODIFIED BY THE PROTOCOL OF 1978 RELATING THERETO**

##### **Amendments to MARPOL Annex VI**

##### **(Designation of the Canadian Arctic and the Norwegian Sea as Emission Control Areas for Nitrogen Oxides, Sulphur Oxides and Particulate Matter, as appropriate)**

THE MARINE ENVIRONMENT PROTECTION COMMITTEE,

RECALLING Article 38(a) of the Convention on the International Maritime Organization concerning the functions of the Marine Environment Protection Committee conferred upon it by international conventions for the prevention and control of marine pollution from ships,

RECALLING ALSO article 16 of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocols of 1978 and 1997 relating thereto (MARPOL), which specifies the amendment procedure and confers upon the appropriate body of the Organization the function of considering amendments thereto for adoption by the Parties,

HAVING CONSIDERED, at its eighty-second session, proposed amendments to MARPOL Annex VI concerning the designation of the Canadian Arctic and the Norwegian Sea as Emission Control Areas for Nitrogen Oxides, Sulphur Oxides and Particulate Matter, as appropriate, which were circulated in accordance with article 16(2)(a) of MARPOL,

1 ADOPTS, in accordance with article 16(2)(d) of MARPOL, amendments to MARPOL Annex VI, the text of which is set out in the annex to the present resolution;

2 DETERMINES, in accordance with articles 16(2)(f)(ii) and (iii) of MARPOL, that the amendments shall be deemed to have been accepted on 1 September 2025 unless prior to that date not less than one third of the Parties or Parties the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world's merchant fleet have communicated to the Organization their objection to the amendments;

3 INVITES the Parties to note that, in accordance with article 16(2)(g)(ii) of MARPOL, the said amendments shall enter into force on 1 March 2026 upon their acceptance in accordance with paragraph 2 above;

4 REQUESTS the Secretary-General, for the purposes of article 16(2)(e) of MARPOL, to transmit certified copies of the present resolution and the text of the amendments contained in the annex to all Parties to MARPOL;

5 ALSO REQUESTS the Secretary-General to transmit copies of the present resolution and its annex to Members of the Organization which are not Parties to MARPOL.

## ANNEX

### AMENDMENTS TO MARPOL ANNEX VI

**(Designation of the Canadian Arctic and the Norwegian Sea as Emission Control Areas  
for Nitrogen Oxides, Sulphur Oxides and Particulate Matter, as appropriate)**

## ANNEX VI

### REGULATIONS FOR THE PREVENTION OF AIR POLLUTION FROM SHIPS

#### Regulation 13

*Nitrogen oxides (NO<sub>x</sub>)*

#### Tier III

1 A new sub-paragraph .3 is added to regulation 13.5.1.2 as follows:

"3 1 March 2026 and is operating in the Norwegian Sea Emission Control Area.  
For the Norwegian Sea Emission Control Area, "ship constructed on or  
after 1 March 2026" means a ship:

.1 for which the building contract is placed on or after 1 March 2026;  
or

.2 in the absence of a building contract, the keel of which is laid or which  
is at a similar stage of construction on or after 1 September 2026; or

.3 the delivery of which is on or after 1 March 2030."

2 Between paragraphs 5.1.2 and 5.1.3, the word "when" is added.

3 At the end of regulation 13.5.1.3, "." is replaced with ":" and a new sub-paragraph .1 is  
added as follows:

".1 that ship is constructed on or after 1 January 2025 and is operating in the  
Canadian Arctic Emission Control Area."

#### Emission control area

4 At the end of sub-paragraph .3 of regulation 13.6, the word "and" is deleted and at the  
end of sub-paragraph .4, "." is replaced with ";".

5 New sub-paragraphs .5 and .6 are added to regulation 13.6 as follows:

".5 the Canadian Arctic Emission Control area, which means the area described  
by the coordinates provided in appendix VII to this Annex; and

.6 the Norwegian Sea as defined in regulation 13.9.4 of Annex II of the present  
Convention."

## **Regulation 14**

### *Sulphur oxides (SO<sub>x</sub>) and particulate matter*

#### **Requirements within emission control areas**

6 At the end of sub-paragraph .4 of regulation 14.3, the word "and" is deleted and, at the end of sub-paragraph .5, "." is replaced by ";".

7 New sub-paragraphs .6 and .7 of regulation 14.3 as follows:

"6 the Canadian Arctic Emission Control area, which means the area described by the coordinates provided in appendix VII to this Annex; and

.7 the Norwegian Sea as defined in regulation 13.9.4 of Annex II of the present Convention."

## **Appendix I**

### *Form of International Air Pollution Prevention (IAPP) Certificate (regulation 8)*

#### **SUPPLEMENT TO INTERNATIONAL AIR POLLUTION PREVENTION CERTIFICATE (IAPP CERTIFICATE)**

##### **RECORD OF CONSTRUCTION AND EQUIPMENT**

7 Section 1.3 of the Supplement to the International Air Pollution Prevention Certificate is replaced by the following:

"1.3 Date of build

1.3.1 Date of building contract (dd/mm/yyyy) .....

1.3.2 Date on which keel was laid or ship was at a similar stage of construction  
(dd/mm/yyyy) .....

1.3.3 Date of delivery (dd/mm/yyyy) ....."

## **Appendix VII**

### *Emission control areas (regulations 13.6 and 14.3)*

8 Paragraph 1 is replaced by the following:

"1 The boundaries of emission control areas designated under regulations 13.6 and 14.3, other than the Baltic Sea, the North Sea, and the Norwegian Sea areas, are set forth in this appendix."

9 New paragraph 5 is added after paragraph 4 as follows:

"5 The Canadian Arctic area comprises two segments:

- .1 starting at the Yukon mainland at 68°54'.00 N, 137°0'.00 W;  
 following the coordinates listed below and ending at the north coast  
 of Hans Island at 80°49'.91 N, 66°27'.40 W, connected by geodesic  
 lines connecting the following coordinates in World Geodetic  
 System 1984 (WGS84) datum:

| <u>POINT</u> | <u>LATITUDE</u> | <u>LONGITUDE</u> |
|--------------|-----------------|------------------|
| 1            | 68°54'.00 N     | 137°00'.00 W     |
| 2            | 72°56'.58 N     | 137°00'.00 W     |
| 3            | 73°00'.42 N     | 136°21'.72 W     |
| 4            | 73°21'.72 N     | 136°20'.46 W     |
| 5            | 73°56'.34 N     | 136°57'.60 W     |
| 6            | 74°30'.18 N     | 137°13'.08 W     |
| 7            | 75°03'.42 N     | 137°07'.20 W     |
| 8            | 75°49'.26 N     | 136°32'.04 W     |
| 9            | 76°42'.18 N     | 136°57'.06 W     |
| 10           | 77°28'.26 N     | 136°34'.74 W     |
| 11           | 78°07'.26 N     | 135°28'.50 W     |
| 12           | 78°39'.72 N     | 133°44'.88 W     |
| 13           | 79°29'.58 N     | 131°24'.96 W     |
| 14           | 79°53'.16 N     | 129°32'.22 W     |
| 15           | 80°31'.44 N     | 127°33'.48 W     |
| 16           | 81°54'.36 N     | 118°36'.24 W     |
| 17           | 82°16'.32 N     | 116°28'.98 W     |
| 18           | 82°52'.86 N     | 115°29'.46 W     |
| 19           | 83°54'.54 N     | 112°07'.20 W     |
| 20           | 85°46'.14 N     | 97°16'.86 W      |
| 21           | 86°09'.78 N     | 89°14'.46 W      |
| 22           | 86°22'.56 N     | 78°59'.58 W      |
| 23           | 86°19'.18 N     | 60°10'.17 W      |
| 24           | 85°38'.92 N     | 58°10'.58 W      |
| 25           | 85°22'.29 N     | 57°59'.22 W      |
| 26           | 85°12'.04 N     | 57°54'.68 W      |
| 27           | 84°49'.56 N     | 57°13'.28 W      |
| 28           | 84°22'.15 N     | 56°43'.09 W      |
| 29           | 84°17'.32 N     | 56°35'.78 W      |
| 30           | 84°11'.05 N     | 56°29'.53 W      |
| 31           | 83°10'.79 N     | 57°00'.21 W      |
| 32           | 83°04'.29 N     | 57°27'.78 W      |
| 33           | 83°00'.95 N     | 57°32'.72 W      |
| 34           | 82°44'.71 N     | 58°00'.38 W      |
| 35           | 82°42'.57 N     | 58°06'.78 W      |
| 36           | 82°40'.69 N     | 58°11'.74 W      |

| <b><u>POINT</u></b> | <b><u>LATITUDE</u></b> | <b><u>LONGITUDE</u></b> |
|---------------------|------------------------|-------------------------|
| 37                  | 82°34'.95 N            | 58°25'.30 W             |
| 38                  | 82°31'.25 N            | 58°38'.56 W             |
| 39                  | 82°27'.52 N            | 58°50'.12 W             |
| 40                  | 82°22'.87 N            | 59°02'.00 W             |
| 41                  | 82°20'.26 N            | 59°21'.38 W             |
| 42                  | 82°18'.54 N            | 59°32'.25 W             |
| 43                  | 82°17'.22 N            | 59°41'.31 W             |
| 44                  | 82°14'.41 N            | 59°56'.06 W             |
| 45                  | 82°12'.06 N            | 60°02'.23 W             |
| 46                  | 81°51'.67 N            | 62°09'.60 W             |
| 47                  | 81°17'.89 N            | 64°08'.73 W             |
| 48                  | 80°50'.48 N            | 66°15'.33 W             |
| 49                  | 80°50'.10 N            | 66°26'.97 W             |
| 50                  | 80°49'.91 N            | 66°27'.40 W             |

- .2 continuing from the south coast of Hans Island at 80°49'.29 N, 66°27'.04 W, following the coordinates listed below, and ending at the coast of Newfoundland and Labrador at 60°0'.00 N, 64°9'.60 W, connected by geodesic lines connecting the following coordinates in World Geodetic System 1984 (WGS84) datum:

| <b><u>POINT</u></b> | <b><u>LATITUDE</u></b> | <b><u>LONGITUDE</u></b> |
|---------------------|------------------------|-------------------------|
| 51                  | 80°49'.29 N            | 66°27'.04 W             |
| 52                  | 80°49'.19 N            | 66°26'.57 W             |
| 53                  | 80°45'.43 N            | 67°03'.99 W             |
| 54                  | 80°26'.16 N            | 68°14'.39 W             |
| 55                  | 80°01'.79 N            | 68°46'.99 W             |
| 56                  | 79°40'.38 N            | 69°04'.68 W             |
| 57                  | 78°48'.09 N            | 72°52'.36 W             |
| 58                  | 78°25'.05 N            | 73°45'.66 W             |
| 59                  | 77°30'.83 N            | 74°38'.24 W             |
| 60                  | 76°43'.47 N            | 74°56'.49 W             |
| 61                  | 75°00'.00 N            | 73°16'.07 W             |
| 62                  | 74°50'.67 N            | 73°02'.71 W             |
| 63                  | 74°44'.20 N            | 72°52'.86 W             |
| 64                  | 74°28'.67 N            | 71°45'.72 W             |
| 65                  | 74°24'.02 N            | 71°25'.67 W             |
| 66                  | 74°12'.42 N            | 70°33'.06 W             |
| 67                  | 74°10'.03 N            | 70°23'.12 W             |
| 68                  | 74°07'.50 N            | 70°12'.16 W             |
| 69                  | 74°06'.15 N            | 70°06'.69 W             |
| 70                  | 74°02'.53 N            | 69°51'.43 W             |
| 71                  | 74°02'.25 N            | 69°50'.33 W             |
| 72                  | 73°57'.54 N            | 69°31'.02 W             |
| 73                  | 73°52'.27 N            | 69°10'.88 W             |

| <b><u>POINT</u></b> | <b><u>LATITUDE</u></b> | <b><u>LONGITUDE</u></b> |
|---------------------|------------------------|-------------------------|
| 74                  | 73°46'.73 N            | 68°51'.14 W             |
| 75                  | 73°46'.17 N            | 68°48'.81 W             |
| 76                  | 73°41'.77 N            | 68°29'.65 W             |
| 77                  | 73°37'.91 N            | 68°12'.34 W             |
| 78                  | 73°36'.51 N            | 68°05'.42 W             |
| 79                  | 73°31'.14 N            | 67°15'.52 W             |
| 80                  | 73°25'.90 N            | 66°24'.99 W             |
| 81                  | 73°18'.48 N            | 66°07'.91 W             |
| 82                  | 72°50'.89 N            | 65°07'.52 W             |
| 83                  | 72°47'.70 N            | 65°00'.63 W             |
| 84                  | 72°45'.76 N            | 64°58'.22 W             |
| 85                  | 72°43'.78 N            | 64°54'.27 W             |
| 86                  | 72°36'.40 N            | 64°38'.74 W             |
| 87                  | 72°30'.58 N            | 64°26'.04 W             |
| 88                  | 72°24'.89 N            | 64°13'.11 W             |
| 89                  | 72°10'.96 N            | 63°40'.55 W             |
| 90                  | 72°06'.33 N            | 63°30'.42 W             |
| 91                  | 72°01'.65 N            | 63°20'.73 W             |
| 92                  | 71°52'.98 N            | 63°03'.86 W             |
| 93                  | 71°47'.21 N            | 62°52'.67 W             |
| 94                  | 71°44'.71 N            | 62°49'.41 W             |
| 95                  | 71°32'.90 N            | 62°33'.35 W             |
| 96                  | 71°31'.73 N            | 62°31'.66 W             |
| 97                  | 71°29'.39 N            | 62°28'.99 W             |
| 98                  | 71°25'.93 N            | 62°25'.37 W             |
| 99                  | 71°18'.98 N            | 62°17'.45 W             |
| 100                 | 71°12'.10 N            | 62°08'.98 W             |
| 101                 | 70°51'.84 N            | 61°42'.53 W             |
| 102                 | 70°48'.17 N            | 61°37'.62 W             |
| 103                 | 70°35'.55 N            | 61°20'.28 W             |
| 104                 | 70°33'.07 N            | 61°17'.10 W             |
| 105                 | 70°13'.48 N            | 61°10'.49 W             |
| 106                 | 70°08'.83 N            | 61°08'.67 W             |
| 107                 | 70°07'.55 N            | 61°07'.92 W             |
| 108                 | 70°01'.68 N            | 61°04'.08 W             |
| 109                 | 69°55'.82 N            | 60°59'.85 W             |
| 110                 | 69°55'.27 N            | 60°59'.41 W             |
| 111                 | 69°49'.82 N            | 60°57'.99 W             |
| 112                 | 69°29'.41 N            | 60°51'.36 W             |
| 113                 | 69°12'.82 N            | 60°27'.40 W             |
| 114                 | 69°10'.24 N            | 60°23'.47 W             |
| 115                 | 69°06'.79 N            | 60°18'.33 W             |
| 116                 | 69°00'.88 N            | 60°08'.99 W             |
| 117                 | 68°56'.83 N            | 60°02'.21 W             |

| <b><u>POINT</u></b> | <b><u>LATITUDE</u></b> | <b><u>LONGITUDE</u></b> |
|---------------------|------------------------|-------------------------|
| 118                 | 68°38'.02 N            | 59°14'.43 W             |
| 119                 | 68°37'.86 N            | 59°14'.01 W             |
| 120                 | 68°34'.02 N            | 59°4'.46 W              |
| 121                 | 68°32'.88 N            | 59°01'.49 W             |
| 122                 | 68°25'.25 N            | 58°42'.06 W             |
| 123                 | 68°21'.67 N            | 58°38'.64 W             |
| 124                 | 68°16'.07 N            | 58°33'.75 W             |
| 125                 | 68°07'.40 N            | 58°26'.93 W             |
| 126                 | 68°06'.87 N            | 58°26'.58 W             |
| 127                 | 68°04'.26 N            | 58°24'.69 W             |
| 128                 | 68°01'.89 N            | 58°23'.15 W             |
| 129                 | 67°56'.94 N            | 58°19'.62 W             |
| 130                 | 67°44'.25 N            | 58°09'.79 W             |
| 131                 | 67°39'.77 N            | 58°06'.05 W             |
| 132                 | 67°35'.33 N            | 58°02'.07 W             |
| 133                 | 67°30'.76 N            | 57°57'.66 W             |
| 134                 | 67°29'.16 N            | 57°56'.00 W             |
| 135                 | 67°28'.21 N            | 57°55'.01 W             |
| 136                 | 67°27'.27 N            | 57°54'.57 W             |
| 137                 | 67°21'.52 N            | 57°52'.35 W             |
| 138                 | 66°49'.47 N            | 57°42'.84 W             |
| 139                 | 66°41'.71 N            | 57°40'.35 W             |
| 140                 | 66°37'.88 N            | 57°39'.45 W             |
| 141                 | 66°36'.02 N            | 57°38'.99 W             |
| 142                 | 66°30'.27 N            | 57°38'.04 W             |
| 143                 | 66°24'.50 N            | 57°37'.56 W             |
| 144                 | 66°18'.68 N            | 57°37'.55 W             |
| 145                 | 66°12'.84 N            | 57°38'.01 W             |
| 146                 | 66°03'.50 N            | 57°39'.45 W             |
| 147                 | 65°57'.62 N            | 57°39'.93 W             |
| 148                 | 65°57'.50 N            | 57°39'.93 W             |
| 149                 | 65°51'.75 N            | 57°40'.44 W             |
| 150                 | 65°50'.81 N            | 57°40'.46 W             |
| 151                 | 65°37'.59 N            | 57°41'.74 W             |
| 152                 | 65°34'.74 N            | 57°42'.18 W             |
| 153                 | 65°23'.33 N            | 57°44'.83 W             |
| 154                 | 65°18'.08 N            | 57°45'.70 W             |
| 155                 | 65°14'.52 N            | 57°44'.99 W             |
| 156                 | 65°11'.49 N            | 57°44'.22 W             |
| 157                 | 65°08'.79 N            | 57°43'.69 W             |
| 158                 | 65°06'.04 N            | 57°43'.95 W             |
| 159                 | 64°12'.06 N            | 57°48'.09 W             |
| 160                 | 64°04'.20 N            | 57°49'.01 W             |
| 161                 | 63°57'.36 N            | 57°53'.40 W             |



| <b><u>POINT</u></b> | <b><u>LATITUDE</u></b> | <b><u>LONGITUDE</u></b> |
|---------------------|------------------------|-------------------------|
| 162                 | 63°52'.57 N            | 57°56'.46 W             |
| 163                 | 63°50'.05 N            | 57°57'.01 W             |
| 164                 | 63°43'.99 N            | 57°58'.60 W             |
| 165                 | 63°37'.16 N            | 58°01'.00 W             |
| 166                 | 63°35'.02 N            | 58°01'.86 W             |
| 167                 | 63°28'.62 N            | 57°59'.62 W             |
| 168                 | 63°22'.86 N            | 57°57'.29 W             |
| 169                 | 62°47'.14 N            | 57°40'.83 W             |
| 170                 | 62°11'.35 N            | 57°25'.12 W             |
| 171                 | 62°03'.47 N            | 57°22'.15 W             |
| 172                 | 62°02'.23 N            | 57°21'.62 W             |
| 173                 | 62°00'.39 N            | 57°20'.92 W             |
| 174                 | 61°24'.74 N            | 57°16'.16 W             |
| 175                 | 61°10'.14 N            | 57°38'.70 W             |
| 176                 | 60°43'.56 N            | 57°17'.64 W             |
| 177                 | 60°15'.36 N            | 57°04'.56 W             |
| 178                 | 60°00'.00 N            | 56°43'.02 W             |
| 179                 | 60°00'.00 N            | 64°09'.60 W             |

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