



REPUBLIC OF CYPRUS
MINISTRY OF
COMMUNICATIONS AND WORKS



DEPARTMENT
OF MERCHANT SHIPPING
LEMESOS

Circular No 28/2011

8th August 2011

TEN 5.13.09
TEN 4.28.03.10

All Owners, Managers and Representatives of Ships under the Cyprus flag

Recognised Organisations

Subject: Entry into force of amendments to MARPOL Annex VI, (Prevention of Air Pollution from Ships) will formally establish the North American Emission Control Area (ECA).

I refer to the above subject and wish to inform you that the Marine Environment Protection Committee (MEPC) of the International Maritime Organization, at its 60th session in March 2010, adopted by resolution MEPC.190 (60), 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, which entered into force on 01.08.2011. A copy of the resolution is attached for easy reference.

Amendments to MARPOL Annex VI (Prevention of air pollution from ships) will formally establish a North American Emission Control Area, in which emissions of sulphur oxides (SO_x), nitrogen oxides (NO_x) and particulate matter from ships will be subject to more stringent controls than the limits that apply globally. Provisions concerning SO_x will take effect, as per regulation MARPOL VI/14.7, 12 months after the amendments enter into force (on 1 August 2012).

The entry into force of these amendments means that there are currently three designated ECAs, the other two being sulphur oxide ECAs: the Baltic Sea area and the North Sea area.

In July 2011, IMO adopted MARPOL amendments to designate certain waters adjacent to the coasts of Puerto Rico (United States) and the Virgin Islands (United States) as another ECA (United States Caribbean Sea ECA). The MARPOL amendments adopted in July 2011 are expected to enter into force on 1 January 2013, with the new ECA taking effect 12 months later.

This Circular must be placed on board ships flying the Cyprus Flag.

The Masters, Owners, Managers and Representatives of ships flying the Cyprus flag, are advised to abide strictly by the new amendments.

S.S. Serghiou
Director
Department of Merchant Shipping



CC: - Permanent Secretary, Ministry of Communications and Works

- Permanent Secretary, Ministry of Foreign Affairs
- Maritime Offices of the Department of Merchant Shipping abroad
- Diplomatic Missions and Honorary Consular Officers of the Republic
- Cyprus Shipping Chamber
- Cyprus Union of Shipowners
- Cyprus Bar Association

ANNEX 11

**RESOLUTION MEPC.190(60)
Adopted on 26 March 2010**

**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**

(North American Emission Control Area)

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 (the Committee) conferred upon it by international conventions for the prevention and control of marine pollution,

NOTING article 16 of the International Convention for the Prevention of Pollution from Ships, 1973 (hereinafter referred to as the "1973 Convention"), article VI of the Protocol of 1978 relating to the International Convention for the Prevention of Pollution from Ships, 1973 (hereinafter referred to as the "1978 Protocol") and article 4 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 (herein after referred to as the "1997 Protocol"), which together specify the amendment procedure of the 1997 Protocol and confer upon the appropriate body of the Organization the function of considering and adopting amendments to the 1973 Convention, as modified by the 1978 and 1997 Protocols,

NOTING ALSO that, by the 1997 Protocol, Annex VI entitled Regulations for the Prevention of Air Pollution from Ships was added to the 1973 Convention (hereinafter referred to as "Annex VI"),

NOTING FURTHER that the revised Annex VI was adopted by resolution MEPC.176(58) and that, following its deemed acceptance on 1 January 2010, will enter into force on 1 July 2010,

HAVING CONSIDERED draft amendments to the revised Annex VI,

1. ADOPTS, in accordance with article 16(2)(d) of the 1973 Convention, the amendments to Annex VI, the text of which is set out at annex to the present resolution;
2. DETERMINES, in accordance with article 16(2)(f)(iii) of the 1973 Convention, that the amendments shall be deemed to have been accepted on 1 February 2011, 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 per cent 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 the 1973 Convention, the said amendments shall enter into force on 1 August 2011 upon their acceptance in accordance with paragraph 2 above;

4. REQUESTS the Secretary-General, in conformity with article 16(2)(e) of the 1973 Convention, to transmit to all Parties to the 1973 Convention, as modified by the 1978 and 1997 Protocols, certified copies of the present resolution and the text of the amendments contained in the Annex; and

5. REQUESTS FURTHER the Secretary-General to transmit to the Members of the Organization which are not Parties to the 1973 Convention, as modified by the 1978 and 1997 Protocols, copies of the present resolution and its Annex.

ANNEX

**AMENDMENTS TO REGULATIONS 13, 14 AND NEW APPENDIX VII
OF THE REVISED MARPOL ANNEX VI**

1 Paragraph 6 of regulation 13 is amended as follows:

"6 For the purposes of this regulation, emission control areas shall be:

- .1 the North American area, which means the area described by the coordinates provided in appendix VII to this Annex; and
- .2 any other sea area, including any port area, designated by the Organization in accordance with the criteria and procedures set forth in appendix III to this Annex."

2 Paragraph 3 of regulation 14 is replaced by the following:

"3 For the purpose of this regulation, emission control areas shall include:

- .1 the Baltic Sea area as defined in regulation 1.11.2 of Annex I and the North Sea as defined in regulation 5(1)(f) of Annex V;
- .2 the North American area as described by the coordinates provided in appendix VII to this Annex; and
- .3 any other sea area, including any port area, designated by the Organization in accordance with the criteria and procedures set forth in appendix III to this Annex."

3 New appendix VII is added as follows:

**"Appendix VII
North American Emission Control Area
(Regulation 13.6 and regulation 14.3)**

The North American area comprises:

- .1 the sea area located off the Pacific coasts of the United States and Canada, enclosed by geodesic lines connecting the following coordinates:

POINT	LATITUDE	LONGITUDE
1	32° 32' 10" N.	117° 06' 11" W.
2	32° 32' 04" N.	117° 07' 29" W.
3	32° 31' 39" N.	117° 14' 20" W.
4	32° 33' 13" N.	117° 15' 50" W.
5	32° 34' 21" N.	117° 22' 01" W.
6	32° 35' 23" N.	117° 27' 53" W.
7	32° 37' 38" N.	117° 49' 34" W.
8	31° 07' 59" N.	118° 36' 21" W.
9	30° 33' 25" N.	121° 47' 29" W.

POINT	LATITUDE	LONGITUDE
10	31° 46' 11" N.	123° 17' 22" W.
11	32° 21' 58" N.	123° 50' 44" W.
12	32° 56' 39" N.	124° 11' 47" W.
13	33° 40' 12" N.	124° 27' 15" W.
14	34° 31' 28" N.	125° 16' 52" W.
15	35° 14' 38" N.	125° 43' 23" W.
16	35° 43' 60" N.	126° 18' 53" W.
17	36° 16' 25" N.	126° 45' 30" W.
18	37° 01' 35" N.	127° 07' 18" W.
19	37° 45' 39" N.	127° 38' 02" W.
20	38° 25' 08" N.	127° 52' 60" W.
21	39° 25' 05" N.	128° 31' 23" W.
22	40° 18' 47" N.	128° 45' 46" W.
23	41° 13' 39" N.	128° 40' 22" W.
24	42° 12' 49" N.	129° 00' 38" W.
25	42° 47' 34" N.	129° 05' 42" W.
26	43° 26' 22" N.	129° 01' 26" W.
27	44° 24' 43" N.	128° 41' 23" W.
28	45° 30' 43" N.	128° 40' 02" W.
29	46° 11' 01" N.	128° 49' 01" W.
30	46° 33' 55" N.	129° 04' 29" W.
31	47° 39' 55" N.	131° 15' 41" W.
32	48° 32' 32" N.	132° 41' 00" W.
33	48° 57' 47" N.	133° 14' 47" W.
34	49° 22' 39" N.	134° 15' 51" W.
35	50° 01' 52" N.	135° 19' 01" W.
36	51° 03' 18" N.	136° 45' 45" W.
37	51° 54' 04" N.	137° 41' 54" W.
38	52° 45' 12" N.	138° 20' 14" W.
39	53° 29' 20" N.	138° 40' 36" W.
40	53° 40' 39" N.	138° 48' 53" W.
41	54° 13' 45" N.	139° 32' 38" W.
42	54° 39' 25" N.	139° 56' 19" W.
43	55° 20' 18" N.	140° 55' 45" W.
44	56° 07' 12" N.	141° 36' 18" W.
45	56° 28' 32" N.	142° 17' 19" W.
46	56° 37' 19" N.	142° 48' 57" W.
47	58° 51' 04" N.	153° 15' 03" W.

- .2 the sea areas located off the Atlantic coasts of the United States, Canada, and France (Saint-Pierre-et-Miquelon) and the Gulf of Mexico coast of the United States enclosed by geodesic lines connecting the following coordinates:

POINT	LATITUDE	LONGITUDE
1	60° 00' 00" N.	64° 09' 36" W.
2	60° 00' 00" N.	56° 43' 00" W.
3	58° 54' 01" N.	55° 38' 05" W.
4	57° 50' 52" N.	55° 03' 47" W.
5	57° 35' 13" N.	54° 00' 59" W.
6	57° 14' 20" N.	53° 07' 58" W.
7	56° 48' 09" N.	52° 23' 29" W.
8	56° 18' 13" N.	51° 49' 42" W.

POINT	LATITUDE	LONGITUDE
9	54° 23' 21" N.	50° 17' 44" W.
10	53° 44' 54" N.	50° 07' 17" W.
11	53° 04' 59" N.	50° 10' 05" W.
12	52° 20' 06" N.	49° 57' 09" W.
13	51° 34' 20" N.	48° 52' 45" W.
14	50° 40' 15" N.	48° 16' 04" W.
15	50° 02' 28" N.	48° 07' 03" W.
16	49° 24' 03" N.	48° 09' 35" W.
17	48° 39' 22" N.	47° 55' 17" W.
18	47° 24' 25" N.	47° 46' 56" W.
19	46° 35' 12" N.	48° 00' 54" W.
20	45° 19' 45" N.	48° 43' 28" W.
21	44° 43' 38" N.	49° 16' 50" W.
22	44° 16' 38" N.	49° 51' 23" W.
23	43° 53' 15" N.	50° 34' 01" W.
24	43° 36' 06" N.	51° 20' 41" W.
25	43° 23' 59" N.	52° 17' 22" W.
26	43° 19' 50" N.	53° 20' 13" W.
27	43° 21' 14" N.	54° 09' 20" W.
28	43° 29' 41" N.	55° 07' 41" W.
29	42° 40' 12" N.	55° 31' 44" W.
30	41° 58' 19" N.	56° 09' 34" W.
31	41° 20' 21" N.	57° 05' 13" W.
32	40° 55' 34" N.	58° 02' 55" W.
33	40° 41' 38" N.	59° 05' 18" W.
34	40° 38' 33" N.	60° 12' 20" W.
35	40° 45' 46" N.	61° 14' 03" W.
36	41° 04' 52" N.	62° 17' 49" W.
37	40° 36' 55" N.	63° 10' 49" W.
38	40° 17' 32" N.	64° 08' 37" W.
39	40° 07' 46" N.	64° 59' 31" W.
40	40° 05' 44" N.	65° 53' 07" W.
41	39° 58' 05" N.	65° 59' 51" W.
42	39° 28' 24" N.	66° 21' 14" W.
43	39° 01' 54" N.	66° 48' 33" W.
44	38° 39' 16" N.	67° 20' 59" W.
45	38° 19' 20" N.	68° 02' 01" W.
46	38° 05' 29" N.	68° 46' 55" W.
47	37° 58' 14" N.	69° 34' 07" W.
48	37° 57' 47" N.	70° 24' 09" W.
49	37° 52' 46" N.	70° 37' 50" W.
50	37° 18' 37" N.	71° 08' 33" W.
51	36° 32' 25" N.	71° 33' 59" W.
52	35° 34' 58" N.	71° 26' 02" W.
53	34° 33' 10" N.	71° 37' 04" W.
54	33° 54' 49" N.	71° 52' 35" W.
55	33° 19' 23" N.	72° 17' 12" W.
56	32° 45' 31" N.	72° 54' 05" W.
57	31° 55' 13" N.	74° 12' 02" W.
58	31° 27' 14" N.	75° 15' 20" W.
59	31° 03' 16" N.	75° 51' 18" W.
60	30° 45' 42" N.	76° 31' 38" W.
61	30° 12' 48" N.	77° 18' 29" W.

POINT	LATITUDE	LONGITUDE
62	29° 25' 17" N.	76° 56' 42" W.
63	28° 36' 59" N.	76° 47' 60" W.
64	28° 17' 13" N.	76° 40' 10" W.
65	28° 17' 12" N.	79° 11' 23" W.
66	27° 52' 56" N.	79° 28' 35" W.
67	27° 26' 01" N.	79° 31' 38" W.
68	27° 16' 13" N.	79° 34' 18" W.
69	27° 11' 54" N.	79° 34' 56" W.
70	27° 05' 59" N.	79° 35' 19" W.
71	27° 00' 28" N.	79° 35' 17" W.
72	26° 55' 16" N.	79° 34' 39" W.
73	26° 53' 58" N.	79° 34' 27" W.
74	26° 45' 46" N.	79° 32' 41" W.
75	26° 44' 30" N.	79° 32' 23" W.
76	26° 43' 40" N.	79° 32' 20" W.
77	26° 41' 12" N.	79° 32' 01" W.
78	26° 38' 13" N.	79° 31' 32" W.
79	26° 36' 30" N.	79° 31' 06" W.
80	26° 35' 21" N.	79° 30' 50" W.
81	26° 34' 51" N.	79° 30' 46" W.
82	26° 34' 11" N.	79° 30' 38" W.
83	26° 31' 12" N.	79° 30' 15" W.
84	26° 29' 05" N.	79° 29' 53" W.
85	26° 25' 31" N.	79° 29' 58" W.
86	26° 23' 29" N.	79° 29' 55" W.
87	26° 23' 21" N.	79° 29' 54" W.
88	26° 18' 57" N.	79° 31' 55" W.
89	26° 15' 26" N.	79° 33' 17" W.
90	26° 15' 13" N.	79° 33' 23" W.
91	26° 08' 09" N.	79° 35' 53" W.
92	26° 07' 47" N.	79° 36' 09" W.
93	26° 06' 59" N.	79° 36' 35" W.
94	26° 02' 52" N.	79° 38' 22" W.
95	25° 59' 30" N.	79° 40' 03" W.
96	25° 59' 16" N.	79° 40' 08" W.
97	25° 57' 48" N.	79° 40' 38" W.
98	25° 56' 18" N.	79° 41' 06" W.
99	25° 54' 04" N.	79° 41' 38" W.
100	25° 53' 24" N.	79° 41' 46" W.
101	25° 51' 54" N.	79° 41' 59" W.
102	25° 49' 33" N.	79° 42' 16" W.
103	25° 48' 24" N.	79° 42' 23" W.
104	25° 48' 20" N.	79° 42' 24" W.
105	25° 46' 26" N.	79° 42' 44" W.
106	25° 46' 16" N.	79° 42' 45" W.
107	25° 43' 40" N.	79° 42' 59" W.
108	25° 42' 31" N.	79° 42' 48" W.
109	25° 40' 37" N.	79° 42' 27" W.
110	25° 37' 24" N.	79° 42' 27" W.
111	25° 37' 08" N.	79° 42' 27" W.
112	25° 31' 03" N.	79° 42' 12" W.
113	25° 27' 59" N.	79° 42' 11" W.
114	25° 24' 04" N.	79° 42' 12" W.

POINT	LATITUDE	LONGITUDE
115	25° 22' 21" N.	79° 42' 20" W.
116	25° 21' 29" N.	79° 42' 08" W.
117	25° 16' 52" N.	79° 41' 24" W.
118	25° 15' 57" N.	79° 41' 31" W.
119	25° 10' 39" N.	79° 41' 31" W.
120	25° 09' 51" N.	79° 41' 36" W.
121	25° 09' 03" N.	79° 41' 45" W.
122	25° 03' 55" N.	79° 42' 29" W.
123	25° 02' 60" N.	79° 42' 56" W.
124	25° 00' 30" N.	79° 44' 05" W.
125	24° 59' 03" N.	79° 44' 48" W.
126	24° 55' 28" N.	79° 45' 57" W.
127	24° 44' 18" N.	79° 49' 24" W.
128	24° 43' 04" N.	79° 49' 38" W.
129	24° 42' 36" N.	79° 50' 50" W.
130	24° 41' 47" N.	79° 52' 57" W.
131	24° 38' 32" N.	79° 59' 58" W.
132	24° 36' 27" N.	80° 03' 51" W.
133	24° 33' 18" N.	80° 12' 43" W.
134	24° 33' 05" N.	80° 13' 21" W.
135	24° 32' 13" N.	80° 15' 16" W.
136	24° 31' 27" N.	80° 16' 55" W.
137	24° 30' 57" N.	80° 17' 47" W.
138	24° 30' 14" N.	80° 19' 21" W.
139	24° 30' 06" N.	80° 19' 44" W.
140	24° 29' 38" N.	80° 21' 05" W.
141	24° 28' 18" N.	80° 24' 35" W.
142	24° 28' 06" N.	80° 25' 10" W.
143	24° 27' 23" N.	80° 27' 20" W.
144	24° 26' 30" N.	80° 29' 30" W.
145	24° 25' 07" N.	80° 32' 22" W.
146	24° 23' 30" N.	80° 36' 09" W.
147	24° 22' 33" N.	80° 38' 56" W.
148	24° 22' 07" N.	80° 39' 51" W.
149	24° 19' 31" N.	80° 45' 21" W.
150	24° 19' 16" N.	80° 45' 47" W.
151	24° 18' 38" N.	80° 46' 49" W.
152	24° 18' 35" N.	80° 46' 54" W.
153	24° 09' 51" N.	80° 59' 47" W.
154	24° 09' 48" N.	80° 59' 51" W.
155	24° 08' 58" N.	81° 01' 07" W.
156	24° 08' 30" N.	81° 01' 51" W.
157	24° 08' 26" N.	81° 01' 57" W.
158	24° 07' 28" N.	81° 03' 06" W.
159	24° 02' 20" N.	81° 09' 05" W.
160	23° 59' 60" N.	81° 11' 16" W.
161	23° 55' 32" N.	81° 12' 55" W.
162	23° 53' 52" N.	81° 19' 43" W.
163	23° 50' 52" N.	81° 29' 59" W.
164	23° 50' 02" N.	81° 39' 59" W.
165	23° 49' 05" N.	81° 49' 59" W.
166	23° 49' 05" N.	82° 00' 11" W.
167	23° 49' 42" N.	82° 09' 59" W.

POINT	LATITUDE	LONGITUDE
168	23° 51' 14" N.	82° 24' 59" W.
169	23° 51' 14" N.	82° 39' 59" W.
170	23° 49' 42" N.	82° 48' 53" W.
171	23° 49' 32" N.	82° 51' 11" W.
172	23° 49' 24" N.	82° 59' 59" W.
173	23° 49' 52" N.	83° 14' 59" W.
174	23° 51' 22" N.	83° 25' 49" W.
175	23° 52' 27" N.	83° 33' 01" W.
176	23° 54' 04" N.	83° 41' 35" W.
177	23° 55' 47" N.	83° 48' 11" W.
178	23° 58' 38" N.	83° 59' 59" W.
179	24° 09' 37" N.	84° 29' 27" W.
180	24° 13' 20" N.	84° 38' 39" W.
181	24° 16' 41" N.	84° 46' 07" W.
182	24° 23' 30" N.	84° 59' 59" W.
183	24° 26' 37" N.	85° 06' 19" W.
184	24° 38' 57" N.	85° 31' 54" W.
185	24° 44' 17" N.	85° 43' 11" W.
186	24° 53' 57" N.	85° 59' 59" W.
187	25° 10' 44" N.	86° 30' 07" W.
188	25° 43' 15" N.	86° 21' 14" W.
189	26° 13' 13" N.	86° 06' 45" W.
190	26° 27' 22" N.	86° 13' 15" W.
191	26° 33' 46" N.	86° 37' 07" W.
192	26° 01' 24" N.	87° 29' 35" W.
193	25° 42' 25" N.	88° 33' 00" W.
194	25° 46' 54" N.	90° 29' 41" W.
195	25° 44' 39" N.	90° 47' 05" W.
196	25° 51' 43" N.	91° 52' 50" W.
197	26° 17' 44" N.	93° 03' 59" W.
198	25° 59' 55" N.	93° 33' 52" W.
199	26° 00' 32" N.	95° 39' 27" W.
200	26° 00' 33" N.	96° 48' 30" W.
201	25° 58' 32" N.	96° 55' 28" W.
202	25° 58' 15" N.	96° 58' 41" W.
203	25° 57' 58" N.	97° 01' 54" W.
204	25° 57' 41" N.	97° 05' 08" W.
205	25° 57' 24" N.	97° 08' 21" W.
206	25° 57' 24" N.	97° 08' 47" W.

- .3 the sea area located off the coasts of the Hawaiian Islands of Hawai'i, Maui, Oahu, Moloka'i, Ni'ihau, Kaua'i, Lāna'i, and Kaho'olawe, enclosed by geodesic lines connecting the following coordinates:

POINT	LATITUDE	LONGITUDE
1	22° 32' 54" N.	153° 00' 33" W.
2	23° 06' 05" N.	153° 28' 36" W.
3	23° 32' 11" N.	154° 02' 12" W.
4	23° 51' 47" N.	154° 36' 48" W.
5	24° 21' 49" N.	155° 51' 13" W.
6	24° 41' 47" N.	156° 27' 27" W.
7	24° 57' 33" N.	157° 22' 17" W.

POINT	LATITUDE	LONGITUDE
8	25° 13' 41" N.	157° 54' 13" W.
9	25° 25' 31" N.	158° 30' 36" W.
10	25° 31' 19" N.	159° 09' 47" W.
11	25° 30' 31" N.	159° 54' 21" W.
12	25° 21' 53" N.	160° 39' 53" W.
13	25° 00' 06" N.	161° 38' 33" W.
14	24° 40' 49" N.	162° 13' 13" W.
15	24° 15' 53" N.	162° 43' 08" W.
16	23° 40' 50" N.	163° 13' 00" W.
17	23° 03' 20" N.	163° 32' 58" W.
18	22° 20' 09" N.	163° 44' 41" W.
19	21° 36' 45" N.	163° 46' 03" W.
20	20° 55' 26" N.	163° 37' 44" W.
21	20° 13' 34" N.	163° 19' 13" W.
22	19° 39' 03" N.	162° 53' 48" W.
23	19° 09' 43" N.	162° 20' 35" W.
24	18° 39' 16" N.	161° 19' 14" W.
25	18° 30' 31" N.	160° 38' 30" W.
26	18° 29' 31" N.	159° 56' 17" W.
27	18° 10' 41" N.	159° 14' 08" W.
28	17° 31' 17" N.	158° 56' 55" W.
29	16° 54' 06" N.	158° 30' 29" W.
30	16° 25' 49" N.	157° 59' 25" W.
31	15° 59' 57" N.	157° 17' 35" W.
32	15° 40' 37" N.	156° 21' 06" W.
33	15° 37' 36" N.	155° 22' 16" W.
34	15° 43' 46" N.	154° 46' 37" W.
35	15° 55' 32" N.	154° 13' 05" W.
36	16° 46' 27" N.	152° 49' 11" W.
37	17° 33' 42" N.	152° 00' 32" W.
38	18° 30' 16" N.	151° 30' 24" W.
39	19° 02' 47" N.	151° 22' 17" W.
40	19° 34' 46" N.	151° 19' 47" W.
41	20° 07' 42" N.	151° 22' 58" W.
42	20° 38' 43" N.	151° 31' 36" W.
43	21° 29' 09" N.	151° 59' 50" W.
44	22° 06' 58" N.	152° 31' 25" W.
45	22° 32' 54" N.	153° 00' 33" W.

(end of text)"
