



**RESOLUTION MSC.100(73)**  
**(adopted on 5 December 2000)**

**ADOPTION OF AMENDMENTS TO THE PROTOCOL OF 1988**  
**RELATING TO THE INTERNATIONAL CONVENTION FOR**  
**THE SAFETY OF LIFE AT SEA, 1974, AS AMENDED**

THE MARITIME SAFETY COMMITTEE,

RECALLING Article 28(b) of the Convention on the International Maritime Organization concerning the functions of the Committee,

RECALLING FURTHER article VIII(b) of the International Convention for the Safety of Life at Sea (SOLAS), 1974, hereinafter referred to as “the Convention”, and article VI(c) of the Protocol of 1988 relating to the Convention hereinafter referred to as “the 1988 SOLAS Protocol” concerning the procedure for amending the appendix to the annex to the 1988 SOLAS Protocol,

HAVING CONSIDERED, at its seventy-third session, amendments to the appendix to the annex to the 1988 SOLAS Protocol proposed and circulated in accordance with article VIII(b)(i) of the Convention and article VI(c) of the 1988 SOLAS Protocol,

1. ADOPTS, in accordance with article VIII(b)(iv) of the Convention and article VI of the 1988 SOLAS Protocol, amendments to the appendix to the Annex to the 1988 SOLAS Protocol, the text of which is set out in the Annex to the present resolution;
2. DETERMINES, in accordance with article VIII(b)(vi)(2)(bb) of the Convention and article VI(c) of the 1988 SOLAS Protocol, that the amendments shall be deemed to have been accepted on 1 January 2002, unless, prior to that date, more than one third of the Parties to the 1988 SOLAS Protocol or Parties the combined merchant fleets of which constitute not less than 50% of the gross tonnage of the world’s merchant fleet, have notified their objections to the amendments;
3. INVITES Parties to note that, in accordance with article VIII(b)(vii)(2) of the Convention and article VI(c) of the 1988 SOLAS Protocol, the amendments shall enter into force on 1 July 2002, upon their acceptance in accordance with paragraph 2 above;
4. REQUESTS the Secretary-General, in conformity with article VIII(b)(v) of the Convention and article VI(c) of the 1988 SOLAS Protocol, to transmit certified copies of the present resolution and the text of the amendments contained in the Annex to all Parties to the 1988 SOLAS Protocol;
5. FURTHER REQUESTS the Secretary-General to transmit copies of this resolution and its Annex to Members of the Organization, which are not Parties to the 1988 SOLAS Protocol.

## ANNEX

**AMENDMENTS TO THE PROTOCOL OF 1988 RELATING TO  
THE INTERNATIONAL CONVENTION FOR THE SAFETY  
OF LIFE AT SEA, 1974, AS AMENDED**

## APPENDIX

**MODIFICATIONS AND ADDITIONS TO THE APPENDIX TO THE ANNEX TO  
THE INTERNATIONAL CONVENTION FOR THE SAFETY OF LIFE AT SEA, 1974**

**Record of Equipment for the Passenger Ship Safety Certificate (Form P)**

1 Existing sections 5 and 6 and related footnotes are deleted and a new section 5 is inserted as follows:

**“5 Details of navigational systems and equipment**

Item	Actual provision
1.1 Standard magnetic compass*	.....
1.2 Spare magnetic compass*	.....
1.3 Gyro compass*	.....
1.4 Gyro compass heading repeater*	.....
1.5 Gyro compass bearing repeater*	.....
1.6 Heading or track control system*	.....
1.7 Pelorus or compass bearing device*	.....
1.8 Means of correcting heading and bearings	.....
1.9 Transmitting heading device (THD)*	.....
2.1 Nautical charts/Electronic chart display and information system (ECDIS)**	.....
2.2 Back up arrangements for ECDIS	.....
2.3 Nautical publications	.....
2.4 Back up arrangements for electronic nautical publications	.....
3.1 Receiver for a global navigation satellite system/ terrestrial radionavigation system* **	.....
3.2 9 GHz radar*	.....
3.3 Second radar (3 GHz/ 9 GHz**)*	.....
3.4 Automatic radar plotting aid (ARPA)*	.....
3.5 Automatic tracking aid*	.....
3.6 Second automatic tracking aid*	.....
3.7 Electronic plotting aid*	.....

Item	Actual provision
4 Automatic identification system (AIS)	.....
5 Voyage data recorder (VDR)	.....
6.1 Speed and distance measuring device (through the water)*	.....
6.2 Speed and distance measuring device (over the ground in the forward and athwartship direction)*	.....
7 Echo sounding device*	
8.1 Rudder, propeller, thrust, pitch and operational mode indicator*	.....
8.2 Rate of turn indicator*	.....
9 Sound reception system*	.....
10 Telephone to emergency steering position*	.....
11 Daylight signalling lamp*	.....
12 Radar reflector*	.....
13 International Code of Signals	.....

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

\*\* Delete as appropriate. "

**Record of Equipment for the Cargo Ship Safety Equipment Certificate (Form E)**

2 Existing section 3 and related footnote are deleted and a new section 3 is inserted as follows:

**“3 Details of navigational systems and equipment**

Item	Actual provision
1.1 Standard magnetic compass*	.....
1.2 Spare magnetic compass*	.....
1.3 Gyro compass*	.....
1.4 Gyro compass heading repeater*	.....
1.5 Gyro compass bearing repeater*	.....
1.6 Heading or track control system*	.....
1.7 Pelorus or compass bearing device*	.....
1.8 Means of correcting heading and bearings	.....
1.9 Transmitting heading device (THD)*	.....
2.1 Nautical charts/Electronic chart display and information system (ECDIS)**	.....
2.2 Back up arrangements for ECDIS	.....
2.3 Nautical publications	.....
2.4 Back up arrangements for electronic nautical publications	.....
3.1 Receiver for a global navigation satellite system/ terrestrial radionavigation system* **	.....
3.2 9 GHz radar*	.....
3.3 Second radar (3 GHz/ 9 GHz**)*	.....
3.4 Automatic radar plotting aid (ARPA)*	.....
3.5 Automatic tracking aid*	.....
3.6 Second automatic tracking aid*	.....
3.7 Electronic plotting aid*	.....
4 Automatic identification system (AIS)	.....
5 Voyage data recorder (VDR)	.....
6.1 Speed and distance measuring device (through the water)*	.....

Item	Actual provision
6.2 Speed and distance measuring device (over the ground in the forward and athwartship direction)*	.....
7 Echo sounding device*	.....
8.1 Rudder, propeller, thrust, pitch and operational mode indicator*	.....
8.2 Rate of turn indicator*	.....
9 Sound reception system*	.....
10 Telephone to emergency steering position*	.....
11 Daylight signalling lamp*	.....
12 Radar reflector*	.....
13 International Code of Signals	.....

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

\*\* Delete as appropriate."

**Record of Equipment for the Cargo Ship Safety Certificate (Form C)**

3 Existing sections 5 and 6 and related footnote are deleted and a new section 5 is inserted as follows:

**“5 Details of navigational systems and equipment**

Item	Actual provision
1.1 Standard magnetic compass*	.....
1.2 Spare magnetic compass*	.....
1.3 Gyro compass*	.....
1.4 Gyro compass heading repeater*	.....
1.5 Gyro compass bearing repeater*	.....
1.6 Heading or track control system*	.....
1.7 Pelorus or compass bearing device*	.....
1.8 Means of correcting heading and bearings	.....
1.9 Transmitting heading device (THD)*	.....
2.1 Nautical charts/Electronic chart display and information system (ECDIS)**	.....
2.2 Back up arrangements for ECDIS	.....
2.3 Nautical publications	.....
2.4 Back up arrangements for electronic nautical publications	.....
3.1 Receiver for a global navigation satellite system/ terrestrial radionavigation system* **	.....
3.2 9 GHz radar*	.....
3.3 Second radar (3 GHz/ 9 GHz**)*	.....
3.4 Automatic radar plotting aid (ARPA)*	.....
3.5 Automatic tracking aid*	.....
3.6 Second automatic tracking aid*	.....
3.7 Electronic plotting aid*	.....
4 Automatic identification system (AIS)	.....
5 Voyage data recorder (VDR)	.....

Item		Actual provision
6.1	Speed and distance measuring device (through the water)*	.....
6.2	Speed and distance measuring device (over the ground in the forward and athwartship direction)*	.....
7	Echo sounding device*	.....
8.1	Rudder, propeller, thrust, pitch and operational mode indicator*	.....
8.2	Rate of turn indicator*	.....
9	Sound reception system*	.....
10	Telephone to emergency steering position*	.....
11	Daylight signalling lamp*	.....
12	Radar reflector*	.....
13	International Code of Signals	.....

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

\*\* Delete as appropriate."



