



Australian Government
Australian Maritime Safety Authority

National Standard for Commercial Vessels

Part C Design and construction

Section 7 Equipment

Subsection 7A Safety equipment

Subsection 7B Communications equipment

Subsection 7C Navigation equipment

Amendment No. 2, 2016

Approved by the National Marine Safety Regulator on 22 December 2016 to commence on 1 February 2017.

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Published by the Australian Maritime Safety Authority, GPO Box 2181
Canberra, ACT 2601. All inquiries are to be addressed to the General Manager
Standards, Australian Maritime Safety Authority.

1 Name of instrument

This instrument is *National Standard for Commercial Vessels Amendment 2016 (No. 2)*.

2 Commencement

This instrument commences on 1 February 2017.

3 Amendment

Each Subsection of Section 7 of Part C of the National Standard for Commercial Vessels (*NSCV*) mentioned in the title of a Schedule to this instrument is amended in accordance with the Schedule.

Schedule 1 NSCV Subsection C7A

(section 3)

[1] Clause 1.4

omit

Marine Order 27 (Radio equipment) 2009

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016

Schedule 2 NSCV Subsection C7B

(section 3)

[1] Clause 1.4

omit

Marine Orders Part 21—Safety of navigation and emergency procedures
Marine Orders Part 27—GMDSS Radio Equipment

insert

Marine Order 21 (Safety and emergency arrangements) 2016

Marine Order 27 (Safety of navigation and radio equipment) 2016

[2] Clause 3.3.1, Table 1

omit

Marine Orders Part 27

insert

Schedule 4 of Marine Order 27 and Chapter V of SOLAS

[3] Clause 3.3.1, Table 1

omit

Marine Orders Part 21

insert

IMO Resolution MSC.95(72)

[4] Clauses 4.3, 4.4 and 4.5

omit each mention of

Marine Orders Part 27

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016

[5] Clause 5.3

omit

Marine Orders Part 27

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016

[6] Clauses 5.4.1, 5.5 and 5.6

omit each mention of

Marine Orders Part 27

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016

[7] Clause 5.8

omit

The installation of daylight signaling lamps (*SOLAS*) shall comply with the provisions of Marine Orders Part 21.

insert

Daylight signalling lamps (*SOLAS*) shall be installed in accordance with the installation standards mentioned in IMO Resolution MSC.95(72)
Performance standards for daylight signalling lamps.

[8] Clauses 6.4, 6.5 and 8.1

omit

Marine Orders Part 27

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016

[9] Annex B, clauses B2 and B3

omit

Marine Orders Part 27

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016

Schedule 3 NSCV Subsection C7C

(section 3)

[1] Clause 1.4

omit

ISO 449—*Ships and marine technology - Magnetic compasses, binnacles and azimuth reading devices—Class A*

ISO 613—*Ships and marine technology—Magnetic compasses, binnacles and azimuth reading devices—Class B*

ISO 694—*Ships and marine technology - Positioning of magnetic compasses in ships*

ISO 2269—*Shipbuilding—Class A magnetic compasses, azimuth reading devices and binnacles—Tests and certification*

insert

ISO 25862:2009 *Ships and marine technology – Marine magnetic compasses, binnacles and azimuth reading devices*

[2] Clause 1.4

omit

ISO 14227—*Small*

insert

ISO 14227:2001 *Small*

[3] Clause 1.4

omit

Marine Orders Part 21—*Safety of Navigation and Emergency Procedures*

Marine Orders Part 30—*Prevention of Collisions*

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016

Marine Order 30 (Prevention of collisions) 2016

[4] Clause 1.7

omit

Guidance on estimating the gross tonnage of a vessel based on its length is given in NSCV Part D.

insert

Please see section 3.5 of NSCV Part B for how to determine a vessel's gross tonnage.

[5] Clause 3.3.1

omit each mention of

Marine Orders Part 21

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016

[6] Clause 3.3.1

omit

Marine Orders Part 30

insert

Marine Order 30 (Prevention of collisions) 2016

[7] Clause 4.3

omit each mention of

Marine Orders Part 21

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016

[8] Clause 4.4

omit each mention of

Marine Orders Part 30

insert

Marine Order 30 (Prevention of collisions) 2016

[9] Annex A, clause A2.2, Table A.1

omit

ISO 449

insert

ISO 25862:2009

[10] Annex A, clause A2.2, Table A.1

omit

ISO 613

insert

ISO 25862:2009

[11] Annex A, clause A2.2, Table A.1

omit

ISO 14227

insert

ISO 14227:2001

[12] Annex A, clause A3.1, paragraph (b), note

omit

ISO 694

insert

ISO 25862:2009

[13] Annex A, clause A3.2, paragraph (a)

omit

ISO 2269

insert

ISO 25862:2009

[14] Annex A, clause A4

substitute

A4 ADJUSTMENT OF COMPASSES

A4.1 For the proper adjustment of a magnetic compass on a vessel, the details of any compass deviations observed during the operation of the vessel must be recorded by the master.

NOTE: NSCV Part E requires a system of regular programmed inspection and maintenance for a vessel, its machinery and equipment to be developed and maintained, which includes any compass on board. This requirement ensures compass accuracy is periodically monitored.

A4.2 A magnetic compass on a vessel must be adjusted if:

- a) observations show a deviation of the compass on any heading of more than 5°; or
- b) the vessel has undergone repairs or alterations which may affect the accuracy of the compass; or
- c) the vessel has not previously operated from any port or place in Australia.

NOTE: For circumstances in which it is recommended that a compass be adjusted, see Annex G of ISO 25862:2009 *Ships and marine technology – Marine magnetic compasses, binnacles and azimuth reading devices*.

A4.3 A magnetic compass may only be adjusted by a person who has acquired the knowledge and skills to carry out the adjustment through experience, training or qualification.

A4.4 For Clause A4.3, ***training or qualification*** includes the training completed, or qualification held, by a person who is a ***qualified compass adjuster*** for *Marine Order 27 (Safety of navigation and radio equipment) 2016*.

NOTE: A further example of a qualification for Clause A4.4 is a licence issued by a State, Territory or overseas marine authority for the adjustment of compasses.

A4.5 The nature of any changes to a magnetic compass, including to the position of magnets or soft iron correctors, must be properly recorded by the person making the compass adjustments with the record retained on board the vessel.

[15] Annex C, clause C2.2.1

omit each mention of

Marine Orders Part 21

insert

Marine Order 27 (Safety of navigation and radio equipment) 2016