



Maritime Operations

COMPASS DECLARATION AND TABLE OF THE DEVIATIONS OF THE STANDARD* (STEERING*) COMPASS OF THE STEEL* (NON-FERROUS*) (THE SHIPS' COMPASSES REGULATIONS 1971)

Vessel: _____

Computed at: _____ 20 _____ Official No. _____

Issued under the direction of Maritime New Zealand. Fishing Boat Register No. _____

SHIP'S HEAD BY COMPASS	DEVIATION	SHIP'S HEAD BY COMPASS	DEVIATION	SHIP'S HEAD BY COMPASS	DEVIATION	SHIP'S HEAD BY COMPASS	DEVIATION
000°		090°		180°		270°	
010°		100°		190°		280°	
020°		110°		200°		290°	
030°		120°		210°		300°	
040°		130°		220°		310°	
050°		140°		230°		320°	
060°		150°		240°		330°	
070°		160°		250°		340°	
080°		170°		260°		350°	

I, _____ hereby declare that the compasses of the above-named ship conform to the regulations and have been satisfactorily adjusted, that the table of deviations is correct, and that the appliances for taking bearings* and the general good order, condition and position of the standard* (steering*) compass satisfactorily comply with the Ships' Compasses Regulations 1971.

* Delete where not applicable

Adjuster licensed by the Director of Maritime NZ

COMPASS CERTIFICATE

I, _____ hereby certify that I have this day inspected the compass(es), the compass-error register book, the table of deviations (*delete where necessary*), and the adjustment of the standard compass (*or the compass accepted as a standard compass*) of the steel (non-ferrous) ship

" _____", Official No. (or FV Registration Number) _____ and am of the opinion that the said compass(es) with the appliances for taking the bearings and the general good order, condition, and position of the said compass(es) satisfactorily comply with the Ships' Compasses Regulations 1971.

Dated at _____ this _____ day of _____ 20 _____

Official Stamp of Inspector

Signature: _____
Inspector

(Print Name)

POSITION OF CORRECTORS

Size and make of compass _____

Description of any disturbing influences which might affect the compass _____

Size of magnets and distance from centre of compass card _____

Fore and aft Red end - For'd: _____ Aft: _____

Athwartship Red end - Starb'd: _____ Port: _____

Quadrantal correctors – Diameter: _____ Distance: _____

Deviation corrected by Quadrantal correctors _____

Heeling, error, Magnet Red end – Up: _____ Down: _____

Size of Flinders Bar - For'd: _____ Aft: _____ Diameter: _____ Length: _____

Deviation corrected by Flinders Bar _____

Readjustment made _____

Adjuster licensed by the Director of Maritime New Zealand.

Signed: _____

Date: _____

NOTE FOR ADJUSTER OF SHIPS' COMPASSES

In order to achieve uniformity in compass adjusting, the following instructions should be observed:

1. The distance from the compass at which correctors are placed, shall be measured from the centre of the compass card to –
 - (a) The upper edge of the heeling error magnet;
 - (b) The nearest edge of the Flinders Bar and the Quadrantal correctors;
 - (c) The centres of the fore and aft and athwartship magnets.
2. The positions of all correctors shall be defined in terms of millimetres and not in terms of notches or holes, as the latter two vary considerably in different types of compass stands.
3. Where holes are provided in compass stands for the insertion of fore and aft and athwartship magnets, care shall be exercised to see that magnets of the correct length are used, so that the centres of the magnets cannot be placed in improper positions.
4. The number, size, and positions of all correctors should be compared with those as given at the previous adjustment. If they are not stated at the previous adjustment, this should be noted in the space "Readjustment made". The word "nil" should not be entered here unless the number, sizes and positions of all correctors are identical with those at the previous adjustment.
5. Provision should be made for those compasses which use pivoted magnets as correctors.