

Survey performance requirements

Initial surveys



Pursuant to Maritime Rule 44.25(3), and having met the relevant obligations of Maritime Rule 44.25(5) I, Keith Manch, hereby impose the following requirements as to the performance of surveys (survey performance requirements):

Signed at Wellington

This 31st day of October 2018

A handwritten signature in black ink, consisting of a stylized 'K' and 'M' followed by a period.

Keith Manch

Director of Maritime New Zealand

Survey performance requirements for initial surveys

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1. Basis in maritime rules

Survey performance requirements (SPRs) complement maritime rules that require a surveyor to exercise judgement. In the event of any conflict between an SPR and a maritime rule, the rule prevails.

An 'initial survey' is required of every ship prior to its first entry into the Maritime Operator Safety System (MOSS).

This SPR has its basis in the following rules.

1.1 Rule 44.25

Rule 44.25(3) states that: "*the Director may impose requirements as to the performance of a survey*" and rule 44.25(4) states that "*when undertaking any survey, the surveyor must comply with any requirements imposed by the Director as to the performance of a survey*".

1.2 40-series rules

Maritime Rules Parts 40A, 40C, 40D, and 40E relating to ship surveys require that a surveyor must not issue a certificate of survey or report a satisfactory survey unless the surveyor is satisfied that the ship:

- a) has had its design approved in accordance with relevant rules
- b) complies with the relevant maritime rules and marine protection rules, and
- c) is fit for its intended service and intended operating limits.

1.3 Rule 44.41

Rule 44.41 provides that a surveyor may issue a Certificate of Survey to a new ship if satisfied that:

- the hull, superstructure, decks, and valves of the ship are sound and serviceable
- the steering gear and propulsion system of the ship, if applicable, are sound and serviceable
- the ship and the ship's equipment are in all respects fit for their intended use and operating limits and meet all applicable maritime rules and marine protection rules
- the ship has a design report, construction report, and an equipment report – each of which includes a statement attesting to the fact that the ship is in all respects fit for its intended service and meets all relevant maritime safety and marine protection rules, and
- the ship has a survey plan, a maintenance plan, safety equipment list and spare parts list.

2. Application

These SPRs apply to the process required of an appropriately recognised surveyor when requested to survey a ship for the purpose of issuing a certificate of survey to a ship that has not previously had one, or issuing a certificate of survey to a ship that has had a major repair or modification or that requires a change to its scope of certification.

The surveyor must comply with these SPRs when satisfying him- or herself that the ship concerned meets the requirements of all applicable marine protection and maritime rules prior to issuing a Certificate of Survey.

3. Survey performance requirements

Whenever a surveyor is engaged to provide surveying services for the purpose of issuing a certificate of survey for a ship for the first time, the surveyor must:

1. Review the design report for the ship issued by the design approval surveyor, to determine whether the report:
 - has been issued by a surveyor recognised by the Director to perform design approval surveys of the category applicable to the ship
 - includes the issuing surveyor's attestation that the ship's design is in all respects fit for its intended service and meets all relevant maritime rules and marine protection rules
 - includes the specifications and maximum allowable diminution of all strength members, either by providing the hard numbers or by clear reference to a specific classification society standard or AMSA 1-approved standard
 - identifies any ship features for which design compliance must be verified during construction under survey.
2. Review the construction report for the ship, to determine whether the report:
 - has been issued by a surveyor recognised by the Director to perform in-construction surveys of the category applicable to the ship
 - includes the issuing surveyor's attestation that the ship has been constructed in accordance with the design approved through the ship's design report
 - verifies that any and all material changes to the ship design made during the construction of the ship have been approved by a surveyor recognised by the Director to approve ship designs of the category applicable to the ship
 - confirms that the ship's electrical system installed conforms with the electrical system design approved by a surveyor recognised by the Director for that purpose
 - confirms the design compliance of all features noted in the design report as requiring verification of compliance during construction.
3. From the reviews of the design and construction reports, identify all features of the ship's construction, equipment and systems that require inspection or testing in order:
 - to satisfy the surveyor that ship is fit for its intended service and operating limits, and
 - to provide baseline data for subsequent surveys of the critical elements of the ship's construction, equipment and systems.

¹ Australian Maritime Safety Authority

4. Survey, or have the client provide evidence of satisfactory survey of:
 - all those features of the ship identified from the review in item 3 above
 - the in-water operational efficacy of the propulsion and steering systems by means of sea trials, and
 - the stability of the ship, taking into consideration:
 - wave height in the operating area, freeboard, engine power and deck loading
 - any major modifications or repairs
 - changes to equipment – new, replaced or relocated
 - the stability book (if applicable) – that the content of the stability book reflects the current configuration of the ship.

5. Produce a survey report that includes:
 - the results of the surveyor's reviews of the design and construction reports
 - the results of any surveys resulting from item 4 above
 - the scope of certification including any conditions or limitations applicable to the ship and its certificate of survey.

The requirements in these SPRs complement the standards and requirements specified in the rules. The SPRs do not replace or reduce any responsibility the surveyor has under the rules.