

Guide for the hull survey report model file

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European Committee for drawing up
Standards in the field of Inland Navigation

1. Purpose of the guide

This guidance has been drawn up for the sake of clarity in the rules for maintaining the condition of the hull (Article 3.02(1) of ES-TRIN) and for the harmonisation of the practices within the European inspection bodies.

Measurements and condition of the vessel's hull and hull equipment shall be subject of a report in accordance with the model "Hull Survey Report" or equivalent. This model provides the list of minimum data required for hull survey report and is not a mandatory format.

This model file shall serve as a guideline for Inspection bodies to include the minimum data prescribed but different formats or data arrangements are also acceptable.

Model file is available in XLS format on the [CESNI website](#).

2. Principals

General examinations of the hull shall be supplemented by thickness measurements to ensure that the structural integrity remains effective. The aim of the examination is to discover substantial corrosion, significant deformation, fractures, damages or other structural deformations that may be present.

In addition to the above mentioned, underwater part of the vessel's hull plating (bottom, bilge and side plating) including appendages, hull equipment essential for the safety and operation of the vessel, such as

- rudder and
- steering gear, including bow, side and stern doors,

if any,

- hatches, scuppers and water drain pipes with their valves,
- anchoring equipment including windlasses, anchor chains, mooring equipment,
- propeller(s) and propulsion system including propeller shaft and stern tube shaft,
- plating river chests and
- penetrations for inlets and outlets including related items,

should be examined as well.

The rudder, rudder couplings and bearings, as well as the rudder stock shall be examined as far as practicable. The rudder clearance is to be measured and documented through a report.

The clearances of the stern tube bearings are to be examined and wear-down of the bearings shall be recorded and shall be within acceptable values.