



TECHNICAL CIRCULAR No. 638 of 6th July 2020

To	All Surveyors/Auditors
Applicable to flag	All Flags
Title	Substantial Corrosion
Reference	CONARINA - Instructions

Substantial Corrosion

Substantial corrosion is not considered a Condition of Class but requires additional survey and Thickness Measurements TM requirements. Surveys on vessels with substantial corrosion is not credited until substantial corrosion TM requirements are met.

If substantial corrosion is identified by the Surveyor during the thickness measurement review, it is to be documented in the survey report prepared during Special Survey examination. When substantial corrosion is found, it is to be reported as an Additional Requirement with the following comment made in the report: "substantial corrosion noted," with details, including action taken to arrest the corrosion at this time and the method used following the comment. Areas of substantial corrosion must be identified by frame number/location, compartment, and service.

Areas of substantial corrosion will require visual examination and TM's to be taken and reviewed at each Annual Survey (ballast and cargo spaces on all vessels, excluding cargo tanks on oil tankers and chemical tankers). The Additional Requirement should be continued or superseded until the substantial corrosion has been rectified permanently. The Surveyor should advise the Owner's representative of the requirements for visual examination and TM's. The Owner is under no obligation to replace the substantially corroded areas. Often, Owners do not want such Additional Requirements and will prefer to have the affected areas renewed whilst the vessel is at the repair yard. This is to be discussed with all parties involved at the time of the survey planning meeting.

When the substantially corroded areas subject to Additional Requirements are renewed, the survey report is to clearly note that the repaired areas have eliminated substantial corrosion. Additionally, the following comment is to be made on the survey report: "areas of substantial corrosion renewed."

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REFERENCES:

- CONARINA – Instructions. Courtesy of ABS.
- ATTACHMENTS: No

Kindest Regards,

Val Bozenovici
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