



TECHNICAL CIRCULAR No. 639 of 7th July 2020

To	All Surveyors/Auditors
Applicable to flag	All Flags
Title	Gauging Reporting
Reference	CONARINA - Instructions

Gauging Review and Reporting Process

The final Thickness Measurement report is to indicate vessel's name, CONARINA Class No., date, Gauging Technician's name and organization, and Surveyor's signature.

Upon completion of the TM survey, the attending Surveyor must verify that:

- The Gauging Start and Gauging Stop dates are within the First Visit and Last Visit dates of the Survey.
- All required TM's have been taken including any additional gaugings.
- If the extent of TM's has been reduced, the Surveyor's special consideration should be reported.
- In case TM's are partially carried out, the extent of remaining TM's should be reported and is to be left on board for use of the next Surveyor.
- Upon completion of the TM's on board, the Surveyor should verify with the progress reports noted above, sign and keep the final preliminary thickness measurement report prepared and signed (hand or electronic signature is acceptable) by the operator.
- Upon review that the final gauging report is consistent with the final preliminary report.
- All repairs required as a result of TM's have been completed and that these repairs have been examined and considered satisfactory.
- TM reports are indicating conditions found and not as renewed.
- Readings should indicate actual average condition based upon additional readings taken.

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- Gauging reports are to show:
 - excessive and/or extensive pitting/grooving of any significance
 - structural defects including buckling, fractures, and deformed structures
 - detached and/or holed structure
 - corrosion of welds
- Additional readings taken are to be reported as a Statement/Observation.
 - For Gaugings taken other remote inspection means, preliminary and final gauging reports are to be accompanied by representative photos.
- Properly mark the TM results for any repairs/renewals done at the time of gauging.
- If gaugings are taken separate from the repairs, the Surveyor examining the repairs is to review the gauging report and ensure that all areas of substantial or excessive corrosion. When the final TM report has not been received from the TM firm and the survey report is ready for review and crediting, the Surveyor is to proceed as follows:
- Surveyor is to create a Statement/Observation advising that the preliminary gauging reports were reviewed and upload the preliminary gauging reports.
- Include a Statement /Observation referring to the initial survey report and that the final TM report was reviewed for accuracy against the preliminary and accepted.
- Attach final TM report.

The attending Surveyor should request that one additional copy of the final report be provided for placement on board the vessel upon completion of all aspects of the gauging review. This copy should be signed and stamped as noted above and left on board or sent direct to the Owners with instructions for placement on board the vessel. Additional copies may be signed and stamped during the review for placement in the Owners' office at their request. Details of items remaining to complete the survey are to be recorded in the report as a Statement/Observation.

REFERENCES:

- CONARINA – Instructions. Courtesy of ABS.

- ATTACHMENTS: No

Kindest Regards,

Val Bozenovici
Naval Architect – Conarina Technical Director

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