



TECHNICAL CIRCULAR No. 648 of 4th September 2020

To	All Surveyors/Auditors. All flags
Title	Close-Up Survey Requirements
Reference	CONARINA - Instructions

Close-Up Survey Requirements

Close-Up Surveys are required during the renewal survey. When the tank is fully coated and the coating is in good condition, the attending Surveyor may modify the Close-Up Survey;

However, confirmatory thickness measurements must be taken and the required girth belts' gaugings are not to be waived or modified. Therefore, access is required to provide for the full gaugings of these structures.

The Surveyor must systematically examine all items upon which the condition assessment of tanks and holds will be based. Any consideration for relaxation of this policy must be approved by the CONARINA Head Office in advance of the survey.

The following structural categories shall be examined:

FOR TANKERS

Bottom shell/inner bottom plating; Side shell; Decks; Longitudinal bulkheads; Transverse bulkheads; Swash bulkheads; Stringer platforms; Girder systems; Web frames and crossties; under deck structure.

FOR GENERAL CARGO AND BULKER

Bottom shell/inner bottom plating; side shell; decks; bulkheads in holds; under deck in holds; internal stiffeners and webs; tank tops; sloping plate; under deck structure.

What to examine:

Within each structural category per vessel type, the following is to be examined:

- condition of coating and/or anodes (if any)
- scale formation and evidence of general scaling
- global buckling in the grillage system or localized buckling of plating or stiffening
- fracturing of plating or stiffening
- corrosion rate (low, normal, high) and possible need for steel renewal flexing of local structure (often recognized f. by local shedding)
- pitting corrosion, and where possible the depth, diameter, and extent

Customer Service Center

5201 Blue Lagoon Drive, 9TH. Floor,
Miami, FL, 33126
Tel: 1 (305) 716 4116,
Fax: 1 (305) 716 4117,
Joel@conarinagroup.com

Technical Head Office

7111 Dekadine Ct.
Spring, Tx., 77379
Tel: 1 (713) 204 6380
valbozen@hotmail.com

condition of piping and fittings including sounding pipes

- condition of handrails, ladders and walkways
- areas unseen due to sludge, sediment or water wedges or lack of access or lighting
- plating and stiffeners forming bulkheads with heated oil tanks

After the overall and close-up survey of a cargo hold/tank, ballast tank and/or hatch covers, for example, each Surveyor shall make an assessment based upon the grading system.

REFERENCES:

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

Kindest Regards,

Val Bozenovici
Naval Architect – Conarina Technical Director

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