



TECHNICAL CIRCULAR No. 395 of 13<sup>th</sup> February 2017

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To: All Surveyors/Auditors

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Applicable to flag: All Flags

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**Hull Inspection**

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Reference: **CONARINA Procedures**

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**Hull Inspection**

For ships older than 15 years hull inspection, the surveyor should:

1. Create inspection check sheets and tables for each compartment/tank.
2. Grading of compartment based on assigning scores to defined inspection criteria for each zone (area of consideration) in the compartment/tank
3. Allows owner/operator to identify defects and monitor the structural condition of their vessels
4. Breakdown hull compartment/tanks into practical zonal areas
5. Degree of severity
6. Document, track and manage anomalies
7. Identifying of critical areas and establishing if an anomaly is tie to a critical area
8. Carry out and document inspections
9. Supervisory review of inspections
10. Generation of reports
11. View and understand fleet-wide structural condition and trends

For structure inspection, the hull surveyor should look for:

**Customer Service Center**

5201 Blue Lagoon Drive, 9<sup>TH</sup>. Floor,  
Miami, Fl., 33126  
Tel: 1 (305) 716 4116,  
Fax: 1 (305) 716 4117,  
E-Mail:

[joel@conarinagroup.com](mailto:joel@conarinagroup.com)

**Technical Head Office**

7111 Dekadine Ct.  
Spring, Tx., 77379  
Tel: 1 (832) 451 0185,  
1 (713) 204 6380

E-Mail: [cbozenovici@vcmaritime.com](mailto:cbozenovici@vcmaritime.com)

- Structure elements coating
- General corrosion
- Pitting and grooving scores are based on intensity and area
- Deformation severity depends on area (panel, bay, multiple bays and also structure affected and the depth of indentation.
- Fractures are based on location (hull envelope, primary/ secondary/tertiary members, internals, etc.)
- Cleanliness (including anode condition). Cleanliness/housekeeping has an impact on ability to inspect structure areas.

REFERENCES:

- CONARINA Procedures

ATTACHMENTS: No.

Kindest Regards,  
Cosmin Bozenovici  
Naval Architect – Conarina Technical Head Office

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