



TECHNICAL CIRCULAR

No. 403 of 05th April 2017

To:	:	All Surveyors/Auditors
Applicable to flag	:	All Flags
Subject:	:	Surveyor's findings and recommendations
Reference:	:	CONARINA- Class findings

Surveyor's findings and recommendations- Class findings

Definitions of Class Findings:

Class Recommendation - where necessary repairs required to maintain Class are not completed at the time of survey.

Class Recommendations shall be imposed for the following:

- Repairs and/or renewals related to damages that affect Classification (e.g., grounding, structural damages, machinery damages, wastage over the allowable limits, etc.)
- Supplementary survey requirements
- Temporary repairs

Class Recommendations:

- Need to be rectified within a specified time period
- They apply to all hull, machinery and electrical deficiencies which are Class related
- They do not apply to deficiencies relating to Cargo Gear.
- For Class Recommendations, the Surveyor is to use his/her judgment to determine the due date and the scope of the Recommendation.
- For repairs not completed at the time of survey, a class recommendation and/or statutory deficiency, as applicable is to be imposed.
- The finding needs to provide adequate information for subsequent Surveyors. The class recommendation and/or statutory deficiency is to include a description of the item, what the defect is, and the rectification required. It is essential that the findings are properly linked to their compartment/primary structure or system/equipment.

Due Date of Findings

- A realistic time limit for completion of class recommendations should be imposed to allow the Owner time to comply with the recommendation(s) such as obtaining replacement parts for machinery. The Owner should be consulted when determining the due date for Class Recommendations.

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Wording of Recommendations

- A recommendation should be written so that it does not require that the next Attending Surveyor to follow a specific course of action such as “crop and renew”, but instead to allow them to reexamine and determine the course of action at that time.
- Example: “. . . found in Port No 2 ballast tank at Frame No 68 is to be further examined and dealt with as considered necessary prior to crediting next Annual Survey”

Class Additional Requirements - defined as conditions that are in accordance with the Class Rules but require additional attention to maintain class. Examples of which are: substantial corrosion, grounding surveys where the diver's examine reported no damage, gear mesh inspections, lubricating oil analysis or metal stitching repairs.

Class Record-Only - may be used where the Surveyor does not recommend repairs, re-examination or any other follow-up actions, which do not affect Class. For example: small damages or minor hull indents that are "noted for record only" purposes.

Clearing OSRs and/or OSDs

Clearing of Class Outstanding Recommendations (OSR) and/or Statutory Outstanding Deficiencies (OSD) shall be supported by a survey report giving details of all associated repairs and/or renewals, or of the supplemental surveys carried out. Repairs/renewals carried out shall be reported with identification of:

- Compartment, tank, or space notation and location (e.g., frame number and P&S, as applicable).
- Structural member
- Repair method (i.e., renewal or modification) including steel grades and scantlings (if different from original); sketches/photos, as appropriate.
- Repair or renewal extent
- NDT/Testing carried out if applicable

Partially addressed OSR and/or OSDs are to be listed as above, along with the part of the supplemental noted in the survey report, giving details of any repairs and/or renewals surveys carried out. All remaining parts should be defined as outstanding.

Record Only

- To be considered for “Record Only”, damaged shell plating located below the waterline must be considered satisfactory after both:
 - Internal examination
 - External examination on a drydock
 - For grounding damage, if no damage is found by the divers other than paint removal, then this shall be reported under Additional Requirements for further examination at the next dry-docking survey. Where structural damages are found, then same shall be reported under Outstanding Recommendation allowing the vessel to proceed to drydock for repairs.

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REFERENCES: CONARINA Class – Courtesy of ABS

ATTACHMENTS: No

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

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