



TECHNICAL CIRCULAR No. 626 of 6th May 2020

To	All Surveyors/Auditors
Applicable to flag	All Flags
Title	Damage survey - Collision
Reference	CONARINA - Instructions

Damage survey - Collision

Task

The Surveyor is to visually examine the damaged/deteriorated areas closely and issue Conditions of Class for repairs necessary to retain the vessel in Class.

Special Instructions

The Surveyor is to notify CONARINA Head Office for guidance when damages immediately endanger the safety of the vessel or for failures which have a clear immediate effect on the safety of the vessel, persons on the vessel, or the marine environment, and when such failure may be anticipated on vessels of a similar design.

When it has been determined that a vessel will need to proceed to another port in a damaged condition for repair, the attending Surveyor should request details required for the vessel's stability during the voyage from CONARINA Head Office.

Photographs are to be taken.

Contact / Collision Damage

Note that contact with the quayside or floating objects, etc. can all be considered as "contact" damage. Contact with another ship is further defined as "collision."

1. On receiving a report for contact damage, the attending surveyor should request from the owner the following information:
 - a. Pertinent details such as vessel's heading and speed at time of incident.
 - b. Date, time and location of the reported contact, and loading condition of vessel.
2. Basic information about the extent of the damage is also to be requested:
 - a. Part(s) of the vessel affected – side shell, deck, bottom shell, accommodation block
 - b. Tanks/spaces affected/damaged
 - c. Tanks/spaces breached (with or without possibility of water ingress)
 - d. Frame numbers & plating identification of affected area(s).
3. Once attendance on board has been arranged, the attending Surveyor is to carry out a detailed Damage Survey to examine and record the damages in his report. The following are sample survey items to examine:

*Customer Service Center
5201 Blue Lagoon Drive, 9TH. Floor,
Miami, Fl., 33126
Tel: 1 (305) 716 4116,
Fax: 1 (305) 716 4117,
E-Mail:*

joel@conarinagroup.com

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

E-Mail: valbozen@hotmail.com

- a. General examination of the hull to locate the damaged areas.
 - b. Cargo holds/tanks (as far as permitted by cargo/loading condition), machinery and other dry spaces are to be examined in way of the damaged areas and immediately adjacent areas.
 - c. Outfitting items such as load line items, LSA/FFA equipment, navigation lights, etc. which have been damaged.
 - d. If machinery spaces are involved in the damage, any damage pertaining to machinery, cable & piping is to be reported on. Redundancy of any damaged machinery is to be confirmed.
 - e. If anchors or mooring equipment are damaged, this is to be reported on along with the mooring equipment which is usable.
 - f. If rupture of any compartment is suspected, periodic soundings of bilges and double bottom tanks are to be carried out by vessel's personnel from time of damage.
1. Temporary Repairs: If temporary repairs are recommended and carried out, they must be done with the approval and attendance of the attending Surveyor. The attending Surveyor is to consult CONARINA, as considered necessary. All temporary repairs (examples provided below) are to be reported upon:
 - a. Plating and internals replaced.
 - b. Any cement box/cofferdams fitted for maintaining watertight integrity.
 - c. Outfitting items such as load line items, LSA/FFA equipment, navigation lights, etc. which have been replaced or temporarily repaired.
 - d. Anchors and/or mooring equipment when replaced with other alternative arrangements.
 2. Voyages after temporary repairs or without repairs: If the vessel is to undertake a voyage to a repair port with or without temporary repairs (in instances where temporary repairs are not possible), this must be done only with the concurrence of the CONARINA Head Office. In addition, the FA is to be informed (as applicable) and relevant short-term certificates issued, as instructed.

A "Certificate for One Voyage" is to be issued only when requested by the owners and authorized by the CONARINA Head Office. All temporary repairs, where applicable, must be completed prior to the issuance of this certificate.

REFERENCES:

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

Kindest Regards,

Val Bozenovici
Naval Architect – Conarina Technical Director

*Customer Service Center
5201 Blue Lagoon Drive, 9TH. Floor,
Miami, Fl., 33126
Tel: 1 (305) 716 4116,
Fax: 1 (305) 716 4117,
E-Mail:*

joel@conarinagroup.com

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

E-Mail: valbozen@hotmail.com