



TECHNICAL CIRCULAR No. 455 of 09th December 2017

To: All Surveyors/Auditors

Applicable to flag: All Flags

Cargo Hold repairs

Reference: Upper deck structure- failures

Examples of structural detail failures and repairs

1. Buckling of deck plating of transverse framing system
2. Fractures at main cargo hatch corner
- 3-a Fracture of welded seam between thick plate and thin plate at cross deck
- 3-b Plate buckling in thin plate near thick plate at cross deck
- 3-c Overall buckling of cross deck plating
- 4 Buckling of web beam
- 5-a Fractures in the web or in the deck at the toes of the longitudinal hatch coaming termination bracket (discontinuous longitudinal hatch coaming)
- 5-b Fractures in continuous longitudinal hatch coaming extension bracket
- 6 Fractures in web of hatch coaming stay
- 7-a Fractures in hatch coaming top plate at the termination of rail for hatch cover
- 7-b Fractures in hatch coaming top plate at the termination of rail for hatch cover
- 8 Fractures in hatch coaming top plate around resting pad
- 9 Fracture in deck plating at the pilot ladder access of bulwarks

REFERENCES:

- **CONARINA class**

- ATTACHMENTS: No.

Kindest Regards,
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