



## TECHNICAL CIRCULAR No. 043 of 19<sup>th</sup> February 2012

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To:	All Surveyors/Auditor
Applicable to flag:	All Flags
Subject:	Transfer of class and change of flag
Reference:	CLASS / FLAG

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### 1. Survey Requirements – all vessels except fishing vessels

Based on CONARINA concerns the following will require special consideration by the Surveyor in order to be considered for Classification and change of flag:

- Tankers > 20 Years of Age
- Passenger Vessels (including Ferries) > 20 Years of Age
- Bulk Carriers over 80,000 DWT > 20 Years of Age
- Yachts < 23 m

Based on the data and information available, as a minimum, the following surveys, examinations and verifications are to be carried out to the satisfaction of the attending Surveyor.

#### A. Drydocking Survey

- Including removal of rudder, rudder stock, rudder stock assemblies for examination

#### B. Annual Classification Surveys

#### C. Special Periodical Survey of Hull (equivalent to age and type of vessel) including tank testing and gaugings. Additional gauging of main structures has to be taken in order to confirm that the actual scantlings meet CONARINA. Random representative ultrasonic/radiographic examinations to be carried out on the hull welds.

#### D. Special Periodical Survey of Machinery

- All diesel engines to be opened out and examined
- Full power sea trial and steering gear test to be carried out

#### E. Tailshaft Survey for all shafts

#### F. Boiler Surveys as applicable

#### G. Photos: A total of about 36 photos are to be taken by the attending Surveyor. Strong emphasis is to be placed on ballast tanks, void spaces, main deck, access covers and closing appliances. Two or three photos are to be taken of the outside hull, main deck and machinery spaces.

#### H. Confirm with CONARINA Tech. Office that all necessary drawings have been submitted

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with no remaining outstanding.

- I. The final Class Notation is to be confirmed by CONARINA Tech. Office. In the case of additional notations, relevant surveys are to be carried out.

## 2. Survey Requirements – fishing vessels

These additional requirements/restrictions apply to the above requirements:

- A. No Vessels over ten (10) years of age
- B. Precondition Survey regardless of age
- C. Full plan review (including and modifications) to current edition of the applicable Rules i.e. Fishing Vessel Rules or under 90 M vessel Rules.
- D. Complete stability review including sub-division and including test (if required)
- E. Out of water Drydocking Survey
- F. Hull survey equivalent to SSH (Special Survey Hull) based on vessel's age with extensive gaugings and random NDE of deck, shell and bottom weldment.
- G. Machinery survey to consisting of complete overhaul and subsequent testing of all Class required equipment
- H. Tailshaft survey consisting of shaft removal, NDE of the taper and keyway, and blue fitting of the propellers
- I. Surveyor to confirm during surveys that structure,

### REFERENCES:

CONARINA CLASS

ATTACHMENTS: No.

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

### Technical Head Office

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