



HRVATSKI REGISTAR BRODOVA CROATIAN REGISTER OF SHIPPING

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REQUEST FOR TRANSFER OF CLASS ACCORDING TO IACS TOCA FOR m/v , IMO No.

(please return the copy of this request, with duly completed page 2, directly to CRS Head Office,
Coordination Division, fax No. + 385 21 35 81 59 or e-mail: tech.coord@crs.hr)

Referring to request for classification of subject vessel with the **CROATIAN REGISTER OF SHIPPING** (hereinafter referred to as: CRS) please be informed that the process of the classification of the vessel is to comply with IACS TOCA PR1A requirements (Transfer Of Class Agreement). For that purpose the following requirements are to be fulfilled:

1. Conditions for accepting the ship into CRS class:
 1. All relevant surveys as specified in item 5 are to be satisfactorily completed.
 2. Interim Class Certificate or any other document enabling the vessel to trade for vessels **less than 15 years of age** - can be issued only after CRS has completed:
 - a) all overdue surveys have been satisfactorily completed, and
 - b) all overdue recommendations / conditions of class previously issued against the vessel have been completed as specified by the Losing Society.
 3. Interim Class Certificate or any other document enabling the vessel to trade for vessels **15 years of age and over** - after Losing Society has completed:
 - a) all overdue surveys, and
 - b) all overdue recommendations / conditions of class previously issued against the vessel.
 4. Any outstanding recommendations/conditions of class imposed by the Losing Society are to dealt-up with by their due dates.
2. The principles given in item 1 above apply to any additional recommendations / conditions of class issued against the vessel arising from surveys which were not included in the initial survey status provided to CRS by the Losing Society because the surveys were carried out in close proximity to the request for transfer of class.

Such additional recommendations / conditions of class if received after the issuance of the Interim Certificate of Class by CRS and which are overdue are to be dealt with at the first port of call by CRS for vessels less than 15 years of age or by Losing Society for vessels 15 years of age and over.

3. Copies of the following technical documentation are to be provided to CRS as a prerequisite to obtaining a full term Certificate of Class:

1. Main documentation and documentation related to hull:
 - a) general arrangement,
 - b) capacity plan,
 - c) hydrostatic curves, and ship's body lines,
 - d) loading manual, where required,
 - e) damage stability calculation, where required,
 - f) midship section,
 - g) scantling plan,
 - h) decks,
 - i) shell expansion,
 - j) transverse bulkheads,
 - k) rudder and rudder stock,
 - l) hatch covers,
 - m) for CSR vessels, plans showing, for each structural element, both as-built and renewal thicknesses and any thickness for "voluntary addition"
2. Documentation related to machinery:
 - a) machinery arrangement,
 - b) intermediate, thrust and screw shafts,
 - c) propeller,
 - d) main engines, propulsion gears and clutch systems (or manufacturer make, model and rating information),
 - e) for steam turbine vessels, main boilers, superheaters and economisers (or manufacturer make, model and rating information) and steam piping,
 - f) bilge and ballast piping diagram,
 - g) steering gear systems piping and arrangements and steering gear manufacturer make and model information.
3. Torsional vibration calculations:
 - a) for ships less than two years old torsional vibration calculations are to be submitted.

4. Additional documentation for ships with ice class notation:
 - a) plans for flexible couplings and/or torque limiting shafting devices in the propulsion line shafting (or manufacturer make, model and rating information).
5. Additional documentation for oil tankers:
 - a) pumping arrangement at the forward and after ends and drainage of cofferdams and pump rooms,
 - b) general arrangements of cargo piping in tanks and on decks.
6. Additional documentation for ships with unattended machinery space:
 - a) instrument and alarm list,
 - b) fire alarm system,
 - c) list of automatic safety functions (e.g. slowdowns, shutdowns, etc.),
 - d) function testing plan.
7. Additional documentation required for approval of alternative design and arrangements:
 - a) Document(s) of approval of alternative design, if any.
4. In case that the Owner is unable to provide all of the required plans, the Owner is to authorise the Losing Society to transfer copies of these plans directly to CRS, upon request. In that case the Losing Society will invoice CRS and CRS will, in return, charge the associated costs to the Owner.
5. The initial survey of the vessel is to be performed to the following extent:

1. **Survey of hull:**
 - i) for vessels of age **less than 5 years** the survey is to take the form of an Annual Survey;
 - ii) for vessels between 5 and 10 years of age the survey is to include an Annual survey and inspection of a representative number of ballast spaces;
 - iii) for vessels of **10 years of age and above but less than 20 years** of age, the survey is to include an Annual survey and inspection of a representative number of ballast spaces and cargo spaces, except for chemical carriers of 10 years of age and above but less than 15 years of age, where in lieu of an internal inspection of cargo tanks without internal stiffening and framing, inspections of surrounding ballast tank(s) and void spaces and deck structure, are to be applied.
NOTE: Requirements for liquefied gas carriers are not included as CRS does not provide services for that type of ships.
 - iv) for vessels subject to UR Z10.1, Z10.2, Z10.3, Z10.4 or Z10.5 which are **15 years of age and above but less than 20 years** of age, the survey is to have the scope of a Special Survey or an Intermediate Survey, whichever is due next;
 - v) for all vessels, which are **20 years of age and above**, the survey is to have the scope of a Special Survey;
 - vi) in lieu of the requirements i) through v), the following apply for site specific purpose-built Floating Production and/or Storage Vessels:
 - for vessels of age less than 5 years, the survey is to have the scope of an Annual survey;
 - for vessels of age between 5 and 10 years, the survey is to include an Annual Survey and inspection of twenty percent of ballast spaces and twenty percent of cargo spaces;
 - for vessels of age between 10 and 20 years, the survey is to include and Annual survey and inspection of twenty percent of ballast spaces and twenty percent of cargo spaces;
 - for vessels over 20 years of age, the survey is to have the scope of a Special survey.
 - vii) for site specific purpose-built Floating Production and/or Storage Vessels which have been converted from other vessels, the survey is to take the form of an Annual Survey and is to include inspection of twenty percent of ballast spaces and twenty percent of cargo spaces until 20 years have elapsed

- since conversion. After 20 years the survey is to have the scope of a Special Survey.
- viii) in the context of applying items iv) and v) above, if a dry-docking of the vessel is not due at the time of transfer, consideration can be given to carrying out an underwater examination in lieu of dry-docking.
- ix) in the context of applying items iv) and v), as applicable, the anchors and anchor chain cables ranging and gauging for vessels over 15 years of age is not required to be carried out as part of the class entry survey unless the class entry survey is being credited as a periodical survey for maintenance of class. If the class entry survey is to be credited as a periodical survey for maintenance of class, consideration may be given by CRS to the acceptance of the anchors and anchor chain cables ranging and gauging carried out by the Losing Society provided they were carried out within the applicable survey window of the periodical survey in question.
- x) in the context of applying items i) to viii) above, as applicable,
- if the class entry survey is to be credited as a periodical survey for maintenance of class consideration may be given by CRS to the acceptance of thickness measurements taken by the Losing Society provided they were carried out within the applicable survey window of the periodical survey in question.
 - if the class entry survey is not to be credited as a periodical survey for maintenance of class, consideration may be given by CRS to the acceptance of thickness measurements taken by the Losing Society provided they were carried out within 15 months prior to completion of class entry survey when it is in the scope of a Special Survey, within 18 months prior to completion of class entry survey when it is in the scope of an Intermediate Survey.
- In both cases, the thickness measurements are to be reviewed by CRS for compliance with the applicable survey requirements, and confirmatory gauging are to be taken to the satisfaction of CRS.
- xi) In the context of applying items iii) to viii) above, as applicable, tank testing for vessels over 15 years of age is not required to be carried out as part of the class entry survey unless the class entry survey is being credited as a periodical survey for maintenance of class. If the class entry survey is to be credited as periodical survey for maintenance of class, consideration may be given by CRS to the acceptance of the tank testing carried out by the Losing Society, provided they were carried

- out within the acceptable survey window of the periodical survey in question.
- xii) In the context of applying items i) to viii) above, as applicable, compliance with IACS Unified Requirements that require compliance at the forthcoming due periodical surveys (such as S26 and S27) are not required to be carried out/completed as part of the class entry survey unless the class entry survey is credited as a periodical survey for maintenance of class.
2. **Survey of machinery installation**, general examination of all essential machinery shall be held comprising the following:
- a) examination under working conditions of oil fuel burning equipment, boilers, economisers and steam/steam generators. The adjustment of safety valves of this equipment is to be verified by checking the records on the vessel,
 - b) all pressure vessels,
 - c) insulation resistance, generator circuit breakers, preference tripping relays and generator prime mover governors shall be tested and paralleling and load sharing to be proved,
 - d) in all cases, navigation lights and indicators shall be examined working and alternative source of power verified,
 - e) bilge pumps, emergency fire pumps and remote controls for oil valves, oil fuel pumps, lubricating oil pumps and forced draught fans are to be examined under working conditions,
 - f) recirculating and ice clearing arrangements, if any,
 - g) the main and all auxiliary machinery necessary for operation of the ship at sea together with essential controls and steering gear shall be tested under working conditions. Alternative means of steering shall be tested. A short sea trial should be held at the discretion of CRS if the vessel has been laid up for a long period,
 - h) initial start arrangements shall be verified,
 - i) in the case of oil tankers, the cargo oil system and electrical installation in way of dangerous spaces shall be checked for compliance with the Rules of CRS. Where intrinsically safe equipment is installed, CRS shall satisfy himself that such equipment has been approved by the organisation recognised by CRS. The safety devices, alarms and essential instruments of inert gas system shall be verified and the plant generally examined to ensure that it does not constitute a hazard to the vessel.
6. These requirements are applicable for the classification of the vessel only. Additional surveys and / or documentation may be necessary according to Flag State requirements.
7. For any additional information please contact CRS Head Office, Split, Croatia, Coordination Division, phone No. + 385 21 408 148, fax No. + 385 21 358 159, E-mail: tech.coord@crs.hr.

REQUEST FOR TRANSFER OF CLASS TO LOSING SOCIETY	
<i>Please be advised that we, as the Owners (Managers) of the vessel have decided to cancel your class on above-mentioned vessel, and to class the vessel with Croatian Register of Shipping.</i>	
<i>Therefore, we authorise Croatian Register of Shipping to obtain from you all necessary information, as requested by IACS PR1A. Also, you are kindly asked to send latest survey status directly to Croatian Register of Shipping, Split, Croatia, fax. No. + 385 21 358 159 or to e-mail: tech.coord@crs.hr</i>	
Name of the Losing Society:	
Name of the vessel:	
IMO No.:	Losing Society ID No.:
Proposed flag:	
Date of cancellation of class:	
Company's name and address:	
Name of the representative and position with the Owners (Managers):	
Date, stamp and the signature:	

By filling-in of this request, above-signed agrees to comply and declares to be aware of IACS PR1A requirements as stated in this document