

# Phoenix Register of Shipping (PH.R.S.)

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<b>Code:</b>	<b>TC 60/14</b>	<b>Date:</b>	<b>03/12/2014</b>
<b>Subject:</b> PH.R.S. Hull Renovation Program – Enhancing the condition of older vessels			
<b>Addressed to:</b> All Ship-owners/Operators/Managers, PH.R.S. Representatives			

## Technical Information

**Category Ref.: PH.R.S. / Procedural Instructions | Technical Library / PH.R.S. Circulars**

Dear All,

Kindly take note of PH.R.S. Technical Circular 60/14. The purpose of this circular is to inform all interested parties on the newly developed PH.R.S. Hull Renovation Program (HRP), a comprehensive hull assessment, renovation and certification service which helps to enhance the condition of the hull, making it comparable to vessels of lesser age. By completing the program, it will be ensured that the assessed hulls meet our quality and safety standards.

For your easy reference please see the attachment below or download it through e-services ([www.phrs.gr/eservices/index.aspx](http://www.phrs.gr/eservices/index.aspx).)

If you have any further query please do not hesitate to contact our Technical Dpt.

**PH.R.S. Head Office – 03<sup>rd</sup> December, 2014**

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## PH.R.S. Hull Renovation Program (HRP)

### I. Assessing and enhancing the condition of older vessels

Phoenix Register's of Shipping Hull Renovation Program (HRP) is a comprehensive hull assessment, renovation and certification service, which helps to enhance the condition of the hull of older vessels, making it comparable to vessels of lesser age.

Due to their age, older vessels may be required to undergo a verification of their condition, with respect to their structural integrity and sufficiency.

The HRP ensures that the assessed hulls of older vessels meet the PH.R.S. quality and safety standards.

### II. The concept and process of HRP

Upon request of the PH.R.S. Hull Renovation Program (HRP), competent and experienced PH.R.S. surveyors proceed to the examination of vessel's classification records and conduct an inspection of vessel's structure, in order to prepare and submit a comprehensive report on its condition.

The inspection report includes any recommendations, renovations and/or repairs that might be necessary to meet the requirements of the program.

The main steps of the HRP process are described below, however, upon consultation, they can be tailored to customers' needs.

- Step 1:** A preliminary survey by PH.R.S. surveyor in order to verify ship's realistic condition.
- Step 2:** A scantling study according to PH.R.S. Rules & Regulations
- Step 3:** A longitudinal strength calculation
- Step 4:** A renovation study to ensure satisfactory completion of the program.

The program is suitable for all types and sizes of commercial vessel, whatever their age.

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All surveys and studies are conducted by experienced ship surveyors, who have deep knowledge of the ships' surveys and hull condition assessments.

For the implementation of the Hull Renovation Program, following vessel's records have to be submitted to PH.R.S.:

- UTM previous report
- UTM present report and verification with the attendance of the PH.R.S. surveyor.
- Test material analysis
- Midship Section
- Profile and decks plan
- Shell expansion
- BHD constructions
- Fore and Aft body construction
- Existing scantling study

### III. Four levels of renovation

The extent of renovation varies with each vessel, depending on both the initial condition of the vessel and the level of renovation desired. HRP features four levels of renovation:

**Level 1 Special Survey (L1SS)** - The renovated hull is considered to be in a condition comparable to that of a typical vessel at first special survey (vessels under 5 years old) with a reduction of 5%.

**Level 2 Special Survey (L2SS)** - The renovated hull is considered to be in a condition comparable to that of a typical vessel at second special survey (vessels between 5 and 10 years old) with a reduction of 10%.

**Level 3 Special Survey (L3SS)** - The renovated hull is considered to be in a condition comparable to that of a typical vessel at third special survey (vessels between 10 and 15 years old) with a reduction of 15%.

**Level 4 Special Survey (L4SS)** - The renovated hull is considered to be in a condition comparable to that of a typical vessel at third special survey (vessels over 15 years old) with a reduction of 20%.

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For coastal navigation service an additional reduction of 10% may be accepted.

## IV. Certification

Upon completion of the Hull Renovation Program, PH.R.S. issues a Certificate of Hull Renovation, which constitutes a formal recognition of vessel's condition.

## V. The benefits of HRP

- Offers evidence of vessel's hull compliance with Phoenix Register's of Shipping safety and quality standards.
- Provides independent certification of vessel's condition, which can improve the potential for chartering.
- Contributes to the reduction through-life maintenance costs and insurance premiums and to the increase of the resale value.
- Helps to avoid port entry restrictions that apply to older vessels.