

RULES FOR

SURVEY AFTER CONSTRUCTION 2018

NOTICE NO. 1 – February 2018

The following Rule Changes were approved by the ABS Rules Committee on 30 January 2018 and become **EFFECTIVE AS OF 1 FEBRUARY 2018**.

(See <http://www.eagle.org> for the consolidated version of the 2018 Rules for Survey After Construction (Part 7), with all Notices and Corrigenda incorporated.)

Notes - The date indicated in the parentheses in the Rules for Survey After Construction (Part 7) is the date that the requirement becomes effective for vessels undergoing survey on or after this date.

PART 7 RULES FOR SURVEY AFTER CONSTRUCTION

CHAPTER 3 HULL SURVEYS

SECTION 2 VESSELS FOR UNRESTRICTED SERVICE

1 Annual Surveys

1.1 All Vessels

(Add new Subparagraph 7-3-2/1.1.7, as follows:)

1.1.17 Cargo Space Fire Dampers and Ventilation Trunks/Ducts (1 February 2018)

All cargo space fire dampers are to be visually examined to the satisfaction of the attending Surveyor, including operational testing and confirmation that screens are clean. Alternatively, where the number of cargo space fire dampers exceeds twenty (20), the Surveyor may visually examine and operationally test a representative amount consisting of not less than 20 percent of the fire dampers in various cargo spaces, provided all cargo space fire dampers are included in the vessel's maintenance program and a review of the records for examination and testing are confirmed to be up to date. When considered necessary by the Surveyor, or where examinations and testing of a representative amount of fire dampers is unsatisfactory, the Surveyor is to extend the amount of examinations and operational testing to all fire dampers.

Ventilation trunks and ducts are to be visually examined where accessible.

5 Special Periodical Surveys

5.1 All Vessels

(Revise Subparagraph 7-3-2/5.1.1, as follows:)

5.1.1 Survey Planning Meeting – ESDC and Non-ESP Vessels (1 February 2018)

A survey planning meeting is to be held prior to the commencement of the survey. In addition, a survey plan is to be developed for all vessels other than barges in accordance with 7-3-2/10.1.

5.1.7 Overall Survey Requirements

(Revise Item 7-3-2/5.1.7(a), as follows:)

5.1.7(a) Spaces (1 February 2018). An Overall Survey of all spaces including holds and their tween decks, where fitted; double bottom, deep, ballast, peak and cargo tanks; pumprooms, pipe tunnels, duct keels, machinery spaces, dry spaces, cofferdams and voids, including the plating and framing, bilges and drain wells, sounding, venting, pumping and drainage arrangements.

At special survey No.3 and subsequent special surveys, structural ventilation ducts and structural downflooding ducts which use the ship's structure as a boundary are to be internally examined.

(1 July 2006) Internal examination of fuel oil, lube oil and fresh water tanks is to be carried out in accordance with 7-3-2/5.1.7(e).

Where sounding pipes are fitted, the Surveyor is to confirm that a thick steel plate is securely fixed below the sounding pipe for the rod to strike upon.

Electrical bonding arrangements, including bonding straps where fitted, for the piping systems located within cargo tanks, pipe tunnels, cofferdams and void spaces bounding cargo tanks are also to be examined.

(1 July 2006) This examination is to be supplemented by thickness measurement and testing as required to ensure that the structural integrity remains effective. The aim of the examination is to discover substantial corrosion, significant deformation, fractures, damages or other structural deterioration, that may be present.

(Add new Subparagraph 7-3-2/5.1.18, as follows:)

5.1.18 Cargo Space Fire Dampers (1 February 2018)

All cargo space fire dampers are to be visually examined to the satisfaction of the attending Surveyor including operational testing and confirmation that screens are clean.

5.15 General Dry Cargo Vessels (ESDC) (1 February 2018)

(1 July 2004) In addition to the applicable requirements of 7-3-2/5.1, the Special Periodical Survey is also to include the following:

(Delete Subparagraph 7-3-2/5.15.1, as follows:)

~~5.15.1 Survey Planning (1 July 2006)~~

~~Survey planning is to be carried out in accordance with 7-3-2/10.1.~~

(Renumber Subparagraphs 7-3-2/5.15.2 through 7-3-2/5.15.7 as 7-3-2/5.15.1 through 7-3-2/5.15.6.)

(Revise Subsection 7-3-2/10, as follows:)

10 Preparations for Surveys of ESDC and Non ESP Vessels *(1 February 2018)*

10.1 Survey Planning

A survey planning meeting is to be held prior to the commencement of the survey.

The survey plan is to be in a written format. Refer to 7-A-8/1 for ESDC vessels and 7-A-8/2 for other Non ESP vessels for a sample plan.

Survey planning is to account for and comply with the requirements of close-up survey, thickness measurement and tank testing, and is to consider relevant information including at least:

- Basic ship information and particulars.
- Main structural plans, including information regarding use of higher strength steels.
- Plan of holds and tanks.
- List of holds and tanks with information on use, corrosion prevention system and condition of coating.
- Conditions for survey (e.g., information regarding tank cleaning, gas freeing, ventilation, lighting, etc.).
- Provisions and methods for access to structures.
- Equipment for surveys.
- Holds and tanks, and areas selected for Close-up Survey.
- Structures selected for Thickness Measurement.
- Tanks selected for Tank Testing.
- Damage experience related to the vessel.
- Names of ABS recognized External Specialists firms to support the survey.

PART 7 RULES FOR SURVEY AFTER CONSTRUCTION

APPENDIX

SECTION 8 INTERMEDIATE AND SPECIAL SURVEY PREPARATION

(Add new Subsection 7-A-8/2, as follows:)

2 Sample Survey Plan for Special Surveys for Non ESP and Non ESDC Vessels *(1 February 2018)*

1. VESSEL PARTICULARS

Name:

ABS CN:

Port of Registry:

Type of Ship:

Date of Build:

Special Survey No:

Due Date of Special Survey:

Due Date of Drydocking Survey(s):

2. GENERAL

1. Where and when will the Special Survey be held?

2. Where and when will the Drydocking Survey be held?

3. Where and when will the Close-up Survey(s) and Thickness Measurements be carried out?

4. Name and address of the Thickness Measurement firm.

5. How will access be provided for the upper parts of spaces, thickness measurements and close-up surveys?

6. If Remote Inspection Techniques (RIT) will be used, please describe method and locations.

7. Has the vessel's onboard documentation, including survey reports and previous repair history, been reviewed to determine damage experience related to the vessel? State any areas identified which require consideration for survey.

3. PERMANENT BALLAST TANKS

List any ballast tanks that have permanent ballast as per 7-3-2/5.1.7(d):

TANK	TYPE OF PERMANENT BALLAST	CORROSION CONTROL METHOD

4. HATCH COVERS AND COAMINGS

A thorough examination of the items listed in 7-3-2/1.1 including close-up survey of hatch cover plating and hatch coamings plating is to be carried out per 7-3-2/5.1.11.

Indicate method of close-up survey for each hatch cover:

HATCH COVER NO.	METHOD OF CLOSE-UP SURVEY

5. TANK/HOLD PARTICULARS

Note: Alternatively, a general arrangement or similar showing tank/hold arrangements and usage may be submitted.

The following table should provide details of all of the tanks in the cargo length and all ballast tanks outside of the cargo length, their content type, method of corrosion protection and condition of any coating in the tank.

TANK/HOLD	TANK/HOLD TYPE	CORROSION PROTECTION	COATING CONDITION
<i>Notations:</i>			
Protection: C = hard coating, SC = soft coating, A = anodes, NP= no protection			
GOOD: condition with only minor spot rusting			
FAIR: condition with local breakdown at edges of stiffeners and weld connections and/or light rusting over 20% or more of areas under consideration, but less than as defined for POOR condition.			
POOR: condition with general breakdown of coating over 20% or more of areas or hard scale at 10% or more of areas under consideration.			

6. INTERNAL EXAMINATION OF FUEL OIL, LUBE OIL AND FRESH WATER TANKS

Where tanks of integral structure type, except for peak tanks, are used primarily for fuel oil or exclusively for light oils or fresh water, internal examination is to be in accordance with 7-3-2/5.1.7(e).

Based on age/Special Survey number indicate which fuel oil, lube oil and fresh water tanks are being proposed for internal examination:

TANK	TYPE

7. THICKNESS MEASUREMENTS

Note: The minimum requirements for Thickness Measurements are given in:

- 7-3-2/5.1.15(a): Vessels Under 90 meters (295 feet) in length
- 7-3-2/5.1.15(a): Passenger Vessels and High Speed Craft under 61 meters (200 feet) in length
- 7-3-2/5.1.15(b): Non ESP Tankers, Gas and Independent Tank Carriers 90 meters (295 feet) and over in length,
- 7-3-2/5.1.15(c): Non ESP/ESDC Vessels 90 meter (295 feet) and over in length

Proposed locations and extent of Thickness Measurements are as follows:

8. TANK TESTING

Note: The minimum requirements for Tank Testing are given in 7-3-2/5.1.10.
Proposed schedule for Tank Testing.

9. MACHINERY PARTS ASSOCIATED WITH THE OUT OF THE WATER DRYDOCK SURVEY

List Special Survey of Machinery or Continuous Survey of Machinery parts that will be opened for survey during the Drydocking Survey:

10. FOR LIQUEFIED GAS CARRIERS, CLOSE-UP SURVEY REQUIREMENTS

Note: The minimum requirements for Close-Up Surveys for Liquefied Gas Carriers is given in 7-3-2/5.11.3

Close-Up Survey requirements are as follows:

Name of Owner’s Representative:

Signature:
Date: