

**PART I CLASS MANAGEMENT**

**TITLE 02 CLASS MAINTENANCE**

**SECTION 1 SURVEYS - PERIODICITY**

**CHAPTERS**

- A PERIODICAL SURVEYS OF A CYCLE OF CLASS
- B STATUTORY PERIODICAL SURVEYS



**CONTENTS**

**CHAPTER A.....5**

**PERIODICAL SURVEYS OF A CYCLE OF CLASS....5**

**A1. PERIOD OF A CYCLE OF CLASS .....5**  
100. *Application*.....5

**A2. TIMES OF CYCLE CLASS SURVEYS.....6**  
100. *Application and Schedule* .....6  
200. *Annual Hull and Machinery Survey – (VAC /VAM):6*  
300. *An Intermediate Hull Survey (VIC)*.....6  
400. *Survey in dry dock (VDC)*.....6  
500. *In-water Survey Hull and Machinery (VSC – VSM) 6*

**A3. PERIOD OF THE CLASS RENEWAL SURVEY.....6**  
100. *Class renewal survey Hull and Machinery (VRC - VRM)6*

**A4. DISTRIBUTION OF PERIODICAL SURVEYS OF THE CYCLE OF CLASS.....7**  
100. *Basic Distribution in the Tables*.....7

**CAPÍTULO B .....8**

**STATUTORY PERIODICAL SURVEYS.....8**

**B1. SCOPE.....8**  
100. *Application*.....8



**CHAPTER A  
PERIODICAL SURVEYS OF A CYCLE OF CLASS**

106. References of the National and International Regulations:

CHAPTER CONTENTS

- IMO MODU Code
- DPC NORMAM 01 CHAPTER 9
- IACS UR Z15

A1. PERIOD OF A CLASSIFICATION CYCLE

A2. TIMES OF CYCLE CLASS SURVEYS

A3. TIME OF CLASS RENEWAL SURVEY

A4. DISTRIBUTION OF PERIODICAL SURVEYS OF THE CLASSIFICATION CYCLE

**A1. PERIOD OF A CYCLE OF CLASS**

**100. Application**

Note: The requirements of this Title MODU have been developed for units intended to engage in offshore drilling operations, and the text reflects that development. They apply to the materials, welding, hull construction, equipment, positioning systems, machinery and electrical installations, fire protection and detection systems, fire extinguishing systems, and load lines of mobile offshore drilling units hereafter designated as “units”.

101. The period of a cycle of class for new units is five years.

102 The cycle of Class start-up milestone is the construction survey, admittance or renewal, as indicated in the Part 1, Title 01, Section 2, Chapter C of the Rules.

103. The basic cycles of class for new units is given in the following Table.

**TABLE T.A1.103.1**

Service	Naviga- tion Area	Propul- sion	Cycle, in years
Drilling units	O1 or O2	With or without	5 (five)
Others	O1 or O2	With or without	5 (five)

104. The definition of the cycle period for existing units, upon Admittance to Class takes into considerations the history and the unit condition, verified by surveys.

105. When considered necessary, the RBNA may reduce the interval between renewal surveys.

## **A2. TIMES OF CYCLE CLASS SURVEYS**

### **100. Application and Schedule**

101. The units classified by RBNA are subject to surveys for the maintenance of hull and machinery class at scheduled periods according to the requirements that follow. See summary in Subchapter A4 below.

### **200. Annual Hull and Machinery Survey – (VAC /VAM):**

201. The annual hull and machinery surveys of the unit (VAC, VAM) are to be carried out based on the date of the construction survey, admittance to class or class renewal which marks the cycle start-up. The allowance is plus or minus 3 (three) months.

### **300. An Intermediate Hull Survey (VIC)**

301. The Intermediate Survey is to be carried out either at or between the second and third Annual Survey.

302. The requirements for an Intermediate Survey are additional to those of an Annual Survey.

### **400. Survey in dry dock (VDC)**

401. There is to be a minimum of two examinations (VDC) of the external the unit's bottom and related items during each five-year renewal survey period.

402. One such examination is to be mandatorily carried out in conjunction with the renewal survey. The tolerance is – 3 months from the due date of the survey.

403. The bottom examination at the Intermediate Survey shall be carried out coinciding with the second or third Annual Surveys, in which case the tolerance shall  $\pm$  3 months from the anniversary date of the subject Annual Survey.

404. In all cases the interval between any two such examinations is not to exceed 36 months. An extension of examination of the unit's bottom of 3 months beyond the due date of the renewal survey can be granted in exceptional circumstances. However, RBNA in agreement with the Administration may allow unwater inspections *in lieu of* a dry-dock survey provided that they are satisfied that such an inspection is equivalent to a dry-dock survey.

405. A survey in dry dock is to be a part of the Renewal Survey. The overall and close-up surveys and thickness measurements, as applicable, of the lower portions of the cargo holds and water ballast tanks are to be carried out in accordance with the applicable requirements for renewal surveys, if not already performed.

406. The Owner is to notify the Classification Society whenever the outside of the unit's bottom and related items can be examined in dry-dock or on a slipway.

### **500. In-water Survey Hull and Machinery (VSC – VSM)**

501. The In-water Survey is to provide the information normally obtained from a docking survey about the condition of the hull plating and appendices as to incrustations, coating, indentations, welding seams, damage and other visible defects. Special consideration shall be given to ascertaining rudder bearing clearances and stern bush clearances of oil stern bearings based on a review of the operating history, on board testing and stern oil sample reports. These considerations are to be included in the proposals for in-water survey which are to be submitted in advance of the survey so that satisfactory arrangements can be agreed with the RBNA.

### **600. Tail shaft and propeller surveys (VEP)**

601. Except for the requirements of A2.500 above, the tail shaft and propeller surveys are to be carried out during the intermediate and renewal dry-dockings.

602. During intermediate dry-docking, a partial removal is carried out to ascertain rudder bearing clearances and stern bush clearances of oil stern bearings based on a review of the operating history, on board testing and stern oil sample reports. The propeller is inspected for cracks

603. During the renewal dry-docking, a complete removal of the tail shaft is required, including complete verification of the bushes, sleeves, fitting with the propeller and relevant NDT tests.

604. Reference is made to Part I, Title 02, Section 2, Chapter C5 of the Rules, and to IACS UR Z17, for special programs according to the type of installation.

## **A3. PERIOD OF THE CLASS RENEWAL SURVEY**

### **100. Class renewal survey Hull and Machinery (VRC - VRM)**

101. Renewal Surveys are to be carried out at 5 years intervals to renew the Classification Certificate.

102. The first Renewal Survey is to be completed within 5 years from the date of the initial classification survey and thereafter 5 years from the credited date of the previous Renewal Survey. However, an extension of class of 3 months maximum beyond the 5th year can be granted in exceptional circumstances. In this case, the next period of class will start from the expiry date of the Renewal Survey before the extension was granted.

103. For surveys completed within 3 months before the expiry date of the Renewal Survey, the next period of class will start from the expiry date of the Renewal Survey. For

surveys completed more than 3 months before the expiry date of the Renewal Survey, the period of class will start from the survey completion date.

104. The Class Renewal Survey may be commenced at the 4th Annual Survey and be progressed with a view to completion by the 5th anniversary date. When the Renewal Survey is commenced prior to the 4th Annual Survey, the entire survey is to be completed within 15 months if such work is to be credited to the Renewal Survey.

**A4. DISTRIBUTION OF PERIODICAL SURVEYS OF THE CYCLE OF CLASS**

**100. Basic Distribution in the Tables**

101. Reference basic distributions in the following tables.

**TABLE T.A4.101.1**

Service:	Service units
Navigation Area:	O1 e O2
Propulsion:	with or without

Cycles 1, 2 and 3	YEARS				
	1	2	3	4	5
Hull	VAC	VAC	VAC + VIC <sup>(1)</sup> + VDC or VSC <sup>(2)</sup>	VAC	VRC + VDC
Machi- nery	VAM	VAM	VAM + VEP <sup>(1)</sup> or VSM <sup>(2)</sup>	VAM	VRM + VEP

102. Reference is made to Part I, Title 02, Section 2 of the Rules.

**CAPÍTULO B**  
**STATUTORY PERIODICAL SURVEYS**

CHAPTER CONTENTS

**B1. SCOPE**

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**B1. SCOPE**

**100. Application**

101. The statutory periodical surveys are to be carried out in accordance with the imo modu Code, Chapter 1, Section 1.6.

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