



CHINA CLASSIFICATION SOCIETY

**Rule Change Notice For:**  
**RULES FOR CLASSIFICATION OF**  
**MOBILE OFFSHORE UNITS**

**Version: September, 2016, RCN No.1**  
**Effective date: 19 September, 2016**

Beijing

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# PART ONE PROVISIONS OF CLASSIFICATION

## CHAPTER 5 SURVEYS AFTER CONSTRUCTION

### Section 4 SURVEYS OF MACHINERY INSTALLATIONS AND SYSTEMS

5.4.4.8 For self-elevating units, the following essential components of the jacking gear are to be examined:

(1) Rack-and-pinion jacking system

- ① The jacking systems are to be examined and reported on. Pinions and gears of the climbing pinion gear train of rack and pinion systems are to be examined, as far as practicable, to the Surveyor's satisfaction by an effective crack detection method;
- ② Attachment between the reduction gear box and jack-house or other supporting structures is to be examined and bolting arrangements are to be examined for security;
- ③ Leg guides and shock pads are to be examined for excessive wear;
- ④ The locking system is to be examined for wear and satisfactory operation/engagement;
- ⑤ Grease injection lubrication system is to be examined for damage to piping. Satisfactory operation of system is to be verified;
- ⑥ Hydraulic motors and hydraulic pipelines are to be examined;
- ⑦ Operational tests of the jacking system are to be carried out to the Surveyor's satisfaction.

(2) Shutting-pin jacking system

- ① The jacking systems are to be examined and reported on. Lugs and ring beams are to be examined, as far as practicable, to the Surveyor's satisfaction by an effective crack detection method;
- ② A number of pins are to be removed for examination;
- ③ Hydraulic pumps, hydraulic piping (including flexible hoses and couplings) and control tubing are to be examined;
- ④ Main and auxiliary cylinders are to be examined for wear;
- ⑤ Operation tests of the jacking system are to be carried out to the Surveyor's satisfaction.

# **PART TWO RULES FOR CLASSIFICATION OF MOBILE OFFSHORE UNITS**

## **CHAPTER 1 GENERAL**

### **Section 2 DEFINITIONS**

1.2.4.1 Lightweight is defined as the weight of the complete unit with all its permanently installed machinery, equipment and outfit, including permanent ballast, spare parts normally retained on board and **medium** in machinery and **systems** to their normal working levels, but does not include liquids in storage or reserve supply tanks, items of consumable or variable loads, stores or crew and their effects.

The weight of mediums on board for the fixed fire-fighting systems (e.g. freshwater, CO<sub>2</sub>, dry chemical powder, foam concentrate, etc.) shall be included in the lightweight.