



# **Rules for Materials and Welding**

**Amendments  
(January 2014)**

**Effective date: 1 January, 2014**

**Beijing**

## **PART ONE METALLIC MATERIALS**

### **CHAPTER 3 STEEL PLATES, FLAT BARS AND SECTIONS**

#### **Section 3 HIGHER STRENGTH HULL STRUCTURAL STEELS**

New paragraph 3.3.1.2 is added as follows:

“3.3.1.2 Higher strength hull structural steels for large container ships with thicknesses of 50 mm to 100 mm and the specified minimum yield strength not less than 460 N/mm<sup>2</sup> are to comply with the requirements of CCS Guidelines for Survey of Thick Marine High Tensile Steel Plates.”

## **CHAPTER 10 EQUIPMENT**

### **Section 2 MARINE ANCHOR CHAIN CABLES AND ACCESSORIES**

The existing paragraph 10.2.9.2 is replaced by:

“10.2.9.2 Chain cables or accessories which meet the requirements are to be certified by CCS at least with the following items:

- (1) Name of Manufacturer;
- (2) Grade;
- (3) Cast number (applicable to accessories);
- (4) Chemical composition (including total aluminum content);
- (5) Nominal diameter/weight;
- (6) Proof load and breaking load;
- (7) Heat treatment;
- (8) Marks on chain cables or accessories;
- (9) Length (applicable to chain cables);
- (10) Mechanical properties (where applicable).”

## **PART THREE WELDING**

### **CHAPTER 1 GENERAL**

#### **Section 1 GENERAL PROVISIONS**

A new paragraph 1.1.1.4 is added as follows:

“1.1.1.4 The welding of higher strength hull structural steels for large container ships with thicknesses of 50 mm to 100 mm and the specified minimum yield strength not less than 460 N/mm<sup>2</sup> is to comply with the requirements of CCS Guidelines for Survey of Thick Marine High Tensile Steel Plates in addition of the relevant requirements of this PART.”