



Rule Corrigenda Notice For:
RULES FOR CLASSIFICATION OF SEA-GOING
STEEL SHIPS

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CHINA CLASSIFICATION SOCIETY

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RULES FOR CLASSIFICATION OF SEA-GOING STEEL
SHIPS

PART ONE

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CHAPTER 5 SURVEYS AFTER CONSTRUCTION

Section 1 GENERAL PROVISIONS

5.1.6 Preparations for survey

5.1.6.5 Survey programme

(3) The submitted survey programme is to account for and comply, as a minimum, with the requirements for close-up survey, thickness measurement and tank testing (also including pipe testing for chemical tankers), respectively, and is to include relevant information including at least:

- ⑪ identification of the thickness measurement company/firm (for oil tankers and chemical tankers);

5.1.6.6 Survey planning meeting for ESP ships

(2) Prior to commencement of any part of the special and intermediate survey, a survey planning meeting is to be held between the attending Surveyor(s), the owner's representative in attendance, the thickness measurement company/firm operator (as applicable) and the master of the ship or an appropriately qualified representative appointed by the Company for the purpose to ascertain that all the arrangements envisaged in the survey programme are in place, so as to ensure the safe and efficient conduct of the survey work to be carried out.

(3) The following is an indicative list of items that are to be addressed in the meeting:

- ⑨ communication between attending Surveyor(s), the thickness measurement company/firm operator(s) and owner's representative(s) concerning findings.

5.1.9 Procedures for thickness measurements

5.1.9.1 General requirements

(3) The thickness measurement company/firm is to be part of the survey planning meeting prior to the commencement of the survey. The following are to be agreed during the meeting:

- ① reporting of thickness measurements on regular basis;
- ② prompt notification to the Surveyor in case of findings such as:
 - a. excessive and/or extensive corrosion or pitting/grooving of any significance;
 - b. structural defects like buckling, fractures and deformed structures;
 - c. detached and/or holed structure; and
 - d. corrosion of welds.

5.1.9.2 Thickness measurement

(1) The thickness measurements are to be carried out by a qualified company/firm certified by CCS according to Appendix 10 of this Chapter.

Section 4 HULL AND EQUIPMENT SURVEYS

5.4.4 Special surveys

5.4.4.2 Survey items for all ships

(17) Thickness measurement

④ Thickness measurements are normally to be carried out by a company/firm, certified by CCS according to the Procedures for Certification of Firms Engaged in Thickness Measurement of Hull Structures (Appendix 10 of this Chapter), by means of ultrasonic test equipment. The accuracy of the equipment is to be proven to the Surveyor as required. The test personnel are to hold a qualification certificate acceptable to CCS.

Appendix 6

GUIDELINES FOR THE GAUGING OF SIDE SHELL FRAMES AND BRACKETS IN SINGLE SIDE SKIN BULK CARRIERS REQUIRED TO COMPLY WITH UR S31

4 Gauging methodology

4.3 Gaugings for sections a) and b) (flanges and side shell plating)

Where the lower bracket length or depth does not meet the requirements in UR S12(Rev. 3), gaugings are to be taken at sections a) and b) to calculate the actual section modulus required in UR S31.3.4. See Figure 4.3. At least 2 readings on the flange/faceplate are to be taken in way of each section. At least one reading of the attached shell plating is to be taken on each side of the frame (i.e. fore and aft) in way of sections a) and section b).

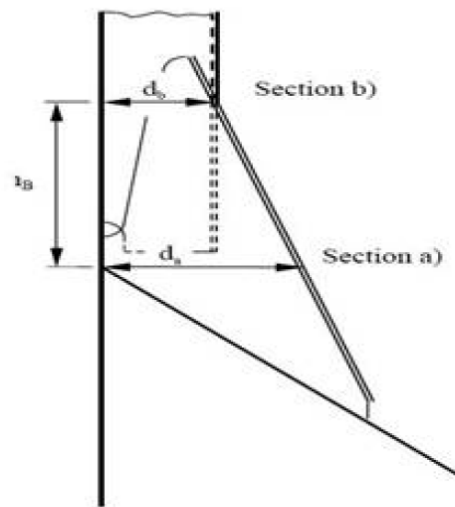
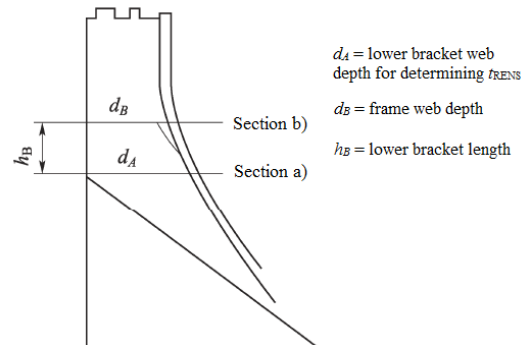


Figure 4.3 Sections a) and b)

Appendix 11A SURVEY PROGRAMME

Basic information and particulars

Name of ship:
IMO number:
Flag State:

Port of registry:
Gross tonnage:
Deadweight (t):
Length between perpendiculars (m):
Shipbuilder:
Hull number:
Classification society:
Class ID:
Date of delivery of the ship:
Owner:
Thickness measurement <u>company</u> <u>firm</u> :

11 Thickness measurement companyfirm

This section of the survey programme should identify changes, if any, relating to the information on the thickness measurement companyfirm provided in the Survey Planning Questionnaire.

Appendix 11B SURVEY PLANNING QUESTIONNAIRE
(Bulk Carriers/Oil Tankers/Chemical tankers)

Name and address of the approved thickness measurement companyfirm:

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Appendix 13

RECOMMENDED PROCEDURES FOR THICKNESS MEASUREMENTS^①

13.1A RECOMMENDED PROCEDURES FOR THICKNESS MEASUREMENTS OF SHIPS

GENERAL PARTICULARS

Ship's name:
IMO number:
Class identity number:
Port of registry:
Gross tons:
Deadweight:
Date of build:
Classification society:

Name of CompanyFirm performing thickness measurement:
Thickness measurement companyfirm certified by:
Certificate No:
Certificate valid from.....to.....
Place of measurement:
First date of measurement:

^① This Appendix is recommendatory. For ESP ships, IMO No. is to be marked in the general particulars.

Last date of measurement:
Special survey/intermediate survey due: *
Details of measurement equipment:
Qualification of operators:

Report number: _____ consisting of _____ Sheets

Name of operator: _____ Name of surveyor: _____
Signature of operator: _____ Signature of surveyor: _____
Company/Firm official stamp: _____ Classification society official stamp: _____

**13.1B RECOMMENDED PROCEDURES FOR THICKNESS MEASUREMENTS
OF SHIPS BUILT ACCORDING TO THE NET SCANTLING APPROACH^①**

GENERAL PARTICULARS

Ships name:
IMO number:
Class identity number:
Port of registry:
Gross tons:
Deadweight:
Date of build:
Classification society:

Name of Company/Firm performing thickness measurement:
Thickness measurement company/firm certified by:
Certificate No:
Certificate valid from.....to.....
Place of measurement:
First date of measurement:
Last date of measurement:
Special survey/intermediate survey due: *
Details of measurement equipment:
Qualification of operators:

Report Number: _____ consisting of _____ Sheets

Names of operator:..... Name of surveyor:.....
Signature of operator:..... Signature of surveyor:.....
Company/Firm official stamp: _____ Classification society official stamp: _____

13.1 Recommended Procedures for Thickness Measurements of Oil Tankers, Ore/Oil Ships, etc.^②

GENERAL PARTICULARS

Ship's name:
IMO number:

* Delete as appropriate.
^① This Appendix is recommendatory.
* Delete as appropriate.
^② The Recommended Procedures for Thickness Measurements are also applicable to chemical tankers.

Class identity number
Port of registry:
Gross tons:
Deadweight:
Date of build:
Classification society:

Name of ~~company~~firm performing thickness measurement:
Thickness measurement ~~company~~firm certified by:
Certificate No.
Certificate valid from _____ to _____
Place of measurement:
First date of measurement:
Last date of measurement:
Special survey/intermediate survey due*:
Details of measurement equipment:
Qualification of operator:

Report number: _____ consisting of _____ Sheets

Name of operator: _____	Name of surveyor: _____
Signature of operator: _____	Signature of surveyor: _____
Company <u>Firm</u> official stamp: _____	Classification society _____
	Official Stamp: _____

13.2A Recommended Procedures for Thickness Measurements of Bulk Carriers

GENERAL PARTICULARS

Ship's name:
IMO number:
Class identity number:
Port of registry:
Gross tons:
Deadweight:
Date of build:
Classification society:

Name of ~~company~~firm performing thickness measurement:
Thickness measurement ~~company~~firm certified by:
Certificate No:
Certificate valid from _____ to _____
Place of measurement:
First date of measurement:
Last date of measurement:
Special survey/intermediate survey due^①:
Details of measurement equipment:
Qualification of operators:

* Delete as appropriate.

^① Delete as appropriate.

Report number: _____ consisting of _____ Sheets

Name of operator: _____ Name of surveyor: _____
Signature of operator: _____ Signature of surveyor: _____
~~Company~~Firm official stamp: _____ Classification society
Official Stamp: _____

13.2B Recommended Procedures for Thickness Measurements of Bulk Carriers Built under Common Structural Rules^①

GENERAL PARTICULARS

Ship's name:
IMO number:
Class identity number
Port of registry:
Gross tons:
Deadweight:
Date of build:
Classification society:

Name of ~~Company~~Firm performing thickness measurement:
Thickness measurement ~~company~~firm certified by:
Certificate No.
Certificate valid from to
Place of measurement:
First date of measurement:
Last date of measurement:
Special survey/intermediate survey due:^②
Details of measurement equipment:
Qualification of operators:

Report number: _____ consisting of _____ Sheets

Name of operator: Name of surveyor:
Signature of operator: Signature of surveyor:
~~Company~~Firm Classification society
Official stamp: Official Stamp:

13.3A Recommended Procedures for Thickness Measurements of Double Hull Oil Tankers

GENERAL PARTICULARS

^① PART TEN of the Rules (2012 version) and its 2013 and 2014 amendments or PART NINE of the Rules (2015 version) and its amendments.
^② Delete as appropriate.

Ship's name:
IMO number:
Class identity number:
Port of registry:
Gross tons:
Deadweight:
Date of build:
Classification society:

Name of ~~company~~ firm performing thickness measurement:
Thickness measurement ~~company~~ firm certified by:
Certificate No:
Certificate valid from _____ to _____
Place of measurement:
First date of measurement:
Last date of measurement:
Special survey/intermediate survey due^①:
Details of measurement equipment:
Qualification of operators:

Report number: _____ consisting of _____ Sheets

Name of operator: _____	Name of surveyor: _____
Signature of operator: _____	Signature of surveyor: _____
Company <u>Firm</u> official stamp: _____	Classification society Official Stamp: _____

13.3B Recommended Procedures for Thickness Measurements of Double Hull Oil Tankers Built under Common Structural Rules^②

GENERAL PARTICULARS

Ship's name:
IMO number:
Class identity number
Port of registry:
Gross tons:
Deadweight:
Date of build:
Classification society:

Name of ~~Company~~ Firm performing thickness measurement:
Thickness measurement ~~company~~ firm certified by:
Certificate No.
Certificate valid from to
Place of measurement:
First date of measurement:

^① Delete as appropriate.

^② PART NINE of the Rules (2012 version) and its 2013 and 2014 amendments or PART NINE of the Rules (2015 version) and its amendments.

Last date of measurement:
Special survey/intermediate survey due:^①
Details of measurement equipment:
Qualification of operators:

Report number: _____ consisting of _____ Sheets

Name of operator: Name of surveyor:
Signature of operator: Signature of surveyor:
~~Company Firm~~ Classification society
Official stamp: Official Stamp:

13.4A Recommended Procedures for Thickness Measurements of Double Skin Bulk Carriers

GENERAL PARTICULARS

Ship's name:
IMO number:
Class identity number:
Port of registry:
Gross tons:
Deadweight:
Date of build:
Classification society:

Name of ~~company firm~~ performing thickness measurement:
Thickness measurement ~~company firm~~ certified by:
Certificate No.
Certificate valid from _____ to _____
Place of measurement:
First date of measurement:
Last date of measurement:
Special survey/intermediate survey due*:
Details of measurement equipment:
Qualification of operator:

Report number: _____ consisting of _____ Sheets

Name of operator: _____ Name of surveyor: _____
Signature of operator: _____ Signature of surveyor: _____
~~Company Firm~~ official stamp: _____ Classification society
Official Stamp: _____

^① Delete as appropriate.
* Delete as appropriate.

13.4B Recommended Procedures for Thickness Measurements of Double Skin Bulk Carriers Built under Common Structural Rules^①

GENERAL PARTICULARS

Ship's name:
IMO number:
Class identity number
Port of registry:
Gross tons:
Deadweight:
Date of build:
Classification society:

Name of ~~Company~~Firm performing thickness measurement:
Thickness measurement ~~company~~firm certified by:
Certificate No.
Certificate valid from to
Place of measurement:
First date of measurement:
Last date of measurement:
Special survey/intermediate survey due:^②
Details of measurement equipment:
Qualification of operators:

Report number: _____ consisting of _____ Sheets

Name of operator:	Name of surveyor:
Signature of operator:	Signature of surveyor:
Company <u>Firm</u>	Classification society
Official stamp:	Official Stamp:

^① PART TEN of the Rules (2012 version) and its 2013 and 2014 amendments or PART NINE of the Rules (2015 version) and its amendments.

^② Delete as appropriate.