Since the publication of the 2011 ESP Code, the following amendments have been adopted by the Maritime Safety Committee:

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Resolution MSC.405(96)
adopted on 19 May 2016

Annex A
Code on the enhances programme of inspections during surveys of bulk carriers

Part A
Code on the enhanced programme of inspections during surveys of bulk carriers having single-side skin construction

4 Intermediate survey
4.2 Bulk carriers 5 to 10 years of age
4.2.1 Ballast tanks

1 In paragraph 4.2.1.3, the words “hard protective” are inserted after the words “When such breakdown of”.

5 Preparations for survey
5.2 Conditions for survey

2 Paragraph 5.2.2 is replaced with the following text:

“5.2.2 In order to enable the attending surveyors to carry out the survey, provisions for proper and safe access should be agreed between the owner and the Administration, based on recommendations developed by the Organization.”

* Refer to Revised recommendations for entering enclosed spaces aboard ships (resolution A.1050(27)).

3 Paragraph 5.2.9 is replaced with the following text:

“5.2.9 The surveyor(s) should always be accompanied by at least one responsible person, assigned by the owner, experienced in tank and enclosed space inspection.”

4 Paragraph 5.2.10 is deleted.

Part B
Code on the enhanced programme of inspections during surveys of double-side skin construction

5 Preparations for survey
5.2 Conditions for survey

5 Paragraph 5.2.2 is replaced with the following text:

“5.2.2 In order to enable the attending surveyors to carry out the survey, provisions for proper and safe access should be agreed between the owner and the Administration, based on recommendations developed by the Organization.”

* Refer to Revised recommendations for entering enclosed spaces aboard ships (resolution A.1050(27)).

1 Refer to resolution MSC.371(93) in the September 2016 supplement in which a version of this amendment was initially adopted.
Paragraph 5.2.9 is replaced with the following text:

“5.2.9 The surveyor(s) should always be accompanied by, at least, one responsible person, assigned by the owner, experienced in tank and enclosed space inspection.”

Paragraph 5.2.10 is deleted.

Annex B
Code on enhanced programme of inspections during surveys of oil tankers

Part A
Code on the enhanced programme of inspection during surveys of double-hull oil tankers

5 Preparations for survey
5.2 Conditions for survey
Paragraph 5.2.1.1 is replaced with the following text:

“5.2.1.1 In order to enable the attending surveyors to carry out the survey, provisions for proper and safe access should be agreed between the owner and the Administration, based on recommendations developed by the Organization.”

* Refer to Revised recommendations for entering enclosed spaces aboard ships (resolution A.1050(27)).”

Paragraph 5.2.6 is replaced with the following text:

“5.2.6 The surveyor(s) should always be accompanied by at least one responsible person, assigned by the owner, experienced in tank and enclosed space inspection.”

Paragraph 5.2.7 is deleted.

Part B
Code on the enhanced programme of inspections during surveys of oil tankers other than double-hull oil tankers

5 Preparations for survey
5.2 Conditions for survey
Paragraph 5.2.1.1 is replaced with the following text:

“5.2.1.1 In order to enable the attending surveyors to carry out the survey, provisions for proper and safe access should be agreed between the owner and the Administration, based on recommendations developed by the Organization.”

* Refer to Revised recommendations for entering enclosed spaces aboard ships (resolution A.1050(27)).”

Paragraph 5.2.6 is replaced with the following text:

“5.2.6 The surveyor(s) should always be accompanied by at least one responsible person, assigned by the owner, experienced in tank and enclosed space inspection.”

Paragraph 5.2.7 is deleted.
Resolution MSC.412(97)  
adopted on 25 November 2016

Annex A
Code on the enhanced programme of inspections during survey of bulk carriers

Part A
Code on the enhanced programme of inspections during surveys of bulk carriers having single-side skin construction

1 General
1.5 Thickness measurements and close-up surveys
1 Paragraph 1.5 is replaced by the following:

“In any kind of survey, i.e. renewal, intermediate, annual or other surveys having the scope of the foregoing ones, for structures in areas where close-up surveys are required, thickness measurements, when required by annex 2, should be carried out simultaneously with close-up surveys.”

2 Renewal survey
2.4 Hatch covers and coamings
2 Paragraph 2.4.4 is replaced with the following:

“2.4.4 Close-up survey and thickness measurement of the hatch cover and coaming plating and stiffeners should be carried out as given in annexes 1 and 2.

*Subject to cargo hold hatch covers of approved design which structurally have no access to the internals, close-up survey/thickness measurement shall be done of accessible parts of hatch covers’ structures.”

Annex 1
Requirements for close-up survey at renewal surveys
3 Note D is replaced with the following:

“D Cargo hold hatch covers and coamings. For cargo hold hatch covers of approved design which structurally have no access to the internals, close-up survey/thickness measurement shall be done of accessible parts of hatch covers’ structures.”

Part B
Code on the enhanced programme of inspections during surveys of double-side skin construction

1 General
1.5 Thickness measurements and close-up surveys
1 Paragraph 1.5 is replaced by the following:

“In any kind of survey, i.e. renewal, intermediate, annual or other surveys having the scope of the foregoing ones, for structures in areas where close-up surveys are required, thickness measurements, when required by annex 2, should be carried out simultaneously with close-up surveys.”
2 Renewal survey

2.4 Hatch covers and coamings

2 Paragraph 2.4.4 is replaced with the following:

“2.4.4 Close up survey and thickness measurement* of the hatch cover and coaming plating and stiffeners should be carried out as given in annexes 1 and 2.

Subject to cargo hold hatch covers of approved design which structurally have no access to the internals, close-up survey/thickness measurement shall be done of accessible parts of hatch covers’ structures.”

Annex 1
Requirements for close-up survey at renewal surveys

Appendix 1
Minimum requirements for close-up survey at renewal survey of double side skin bulk carriers excluding ore carriers

5 years < Age ≤ 10 years – Renewal survey no. 2

6 The third paragraph in the column is replaced with the following:

“B 25% of ordinary transverse frames for transverse framing systems or 25% of longitudinals for longitudinal framing systems on side shell and inner side plating at forward, middle and aft parts in the foremost double-side tanks.”

10 years < Age ≤ 15 years – Renewal survey no. 3

7 The third paragraph in the column is replaced with the following:

“B 25% of ordinary transverse frames for transverse framing systems or 25% of longitudinals for longitudinal framing systems on side shell and inner side plating at forward, middle and aft parts in all double-side tanks.”

Age > 15 years – Renewal survey no. 4 and subsequent

8 The third paragraph in the column is replaced with the following:

“B All ordinary transverse frames for transverse framing systems or all longitudinals for longitudinal framing systems on side shell and inner side plating at forward, middle and aft parts in all double-side tanks.”

9 Note D is replaced with the following:

“D Cargo hold hatch covers and coamings. For cargo hold hatch covers of approved design which structurally have no access to the internals, close-up survey/thickness measurement shall be done of accessible parts of hatch covers’ structures.”

Appendix 2
Minimum requirements for close-up survey at renewal survey for ore carriers

10 Note D is replaced with the following:

“D Cargo hold hatch covers and coamings. For cargo hold hatch covers of approved design which structurally have no access to the internals, close-up survey/thickness measurement shall be done of accessible parts of hatch covers’ structures.”
Annex 2
Requirements for close-up survey at renewal surveys

5 years < Age ≤ 10 years – Renewal survey no. 2

11 Paragraph 3 is replaced with the following:

“3 Measurement, for general assessment and recording of corrosion pattern, of those structural members subject to close-up survey according to annex 1/appendix 1 or annex 1/appendix 2 as applicable.”

10 < Age ≤ 15 years – Renewal survey no. 3

12 Paragraph 3 is replaced with the following:

“3 Measurement, for general assessment and recording of corrosion pattern, of those structural members subject to close-up survey according to annex 1/appendix 1 or annex 1/appendix 2 as applicable.”

Annex B
Code on the enhanced programme of inspections during surveys of oil tankers

Part A
Code on the enhanced programme of inspection during surveys of double-hull oil tankers

1 General
1.5 Thickness measurements and close-up surveys

13 Paragraph 1.5 is replaced by the following:

“In any kind of survey, i.e. renewal, intermediate, annual or other surveys having the scope of the foregoing ones, for structures in areas where close-up surveys are required, thickness measurements, when required by annex 2, should be carried out simultaneously with close-up surveys.”

2 Renewal survey
2.5 Extent of thickness measurements

14 Paragraph 2.4.4 is replaced with the following:

“2.5.6 In cases where two or three sections are to be measured, at least one should include a ballast tank within 0.5L amidships. In case of oil tankers of 130 m in length and upwards (as defined in the International Convention on Load Lines in force) and more than 10 years of age, for the evaluation of the ship’s longitudinal strength as required in 8.1.2, the sampling method of thickness measurements is given in annex 12.”

2.6 Extent of tank pressure testing

15 Paragraph 2.6.1.1 is replaced with the following:

“,.1 tank testing procedure, specifying fill heights, tanks being filled and bulkheads being tested, has been submitted by the owner and reviewed by the Administration or recognized organization prior to the testing being carried out.”

1 Refer to resolution MSC.381(94) in the September 2016 supplement in which this paragraph was added.
Annex 1
Requirements for close-up survey at renewal surveys of double-hull oil tankers

16  Note (7) is replaced with the following:

“(7) Web frame in a cargo oil tank means deck transverse, longitudinal bulkhead structural elements and cross ties, where fitted, including adjacent structural members.”

Part B
Code on the enhanced programme of inspections during surveys of oil tankers other than double-hull oil tankers

1  General

1.5  Thickness measurements and close-up surveys

17  Paragraph 1.5 is replaced by the following:

“In any kind of survey, i.e. renewal, intermediate, annual or other surveys having the scope of the foregoing ones, for structures in areas where close-up surveys are required, thickness measurements, when required by annex 2, should be carried out simultaneously with close-up surveys.”

2.6  Extent of tank pressure testing

18  Paragraph 2.6.1.1 is replaced with the following:

“.1 tank testing procedure, specifying fill heights, tanks being filled and bulkheads being tested, has been submitted by the owner and reviewed by the Administration or recognized organization prior to the testing being carried out;”

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1 Refer to resolution MSC.381(94) in the September 2016 supplement in which this paragraph was added.