

Deficiencies / Coding

34 EMSA/Paris MoU PSC Seminar

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Legal background

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Former text in the PMoU Memorandum

3.10 The Authorities will ensure that, on the conclusion of an inspection, the master of the ship is provided with a report of inspection, giving the results of the inspection and details of any action to be taken.

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Former text in the PMoU Memorandum



REPORT OF INSPECTION IN ACCORDANCE WITH THE
(reporting authority)

1. Name of ship 2. IMO number 3. Date of inspection

DEFICIENCIES FOUND AND FOLLOW UP ACTIONS**)

Nr.	Code/Defective item	Nature of defect ¹⁾	Convention ref. ²⁾	Ground for Detention
.....	<input type="checkbox"/>
.....	<input type="checkbox"/>

2) To be completed in the event of a detention.

Decision of PSCC41

PSCC41/4.4.2A Relevant conventions and maintenance codes

- *The Committee agreed to start on a voluntary basis to record relevant convention references and requested members to report experiences to Denmark for consideration at PSCC42.*

PMoU Memorandum from 01.07.2014

3.10 The Authorities will ensure that, on the conclusion of an inspection, the master of the ship is provided with a report of inspection, giving the results of the inspection, including references to the relevant instruments and details of any action to be taken.

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Structure of the code

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The coding system – Code Tables

- States Flags and Countries

- Ports Locations

UN/LOCODES

- ROs Including Classes

IMO (GISIS)

- Ship types

- Certificates

Being defined within the
Working Group on Codes

- Deficiencies

- Action Taken

The coding system – Structure

Base Code:

- to link a deficiency to a convention
- to link to a statutory certificate
- to link to a RO for a detainable deficiency
- to allow statistical analysis

The coding system - Structure

Base Code compiled of a:

- Convention Code
- Reference Digit
- Control Digit

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Convention code ▼	Ref. Digit ▼	Control Digit ▼	Base Code ▼	Convention
01	00	0	01000	SOLAS
01	01	0	01010	SOLAS ch. I
01	02	1	01021	SOLAS ch. II-1 Parts A, A-1, B, B-1, B-2, B-3, B-4
01	02	2	01022	SOLAS ch. II-1 Parts C, D, E, F
01	02	3	01023	SOLAS ch. II-2
01	03	0	01030	SOLAS ch. III
01	04	0	01040	SOLAS ch. IV
01	05	0	01050	SOLAS ch. V
01	06	0	01060	SOLAS ch. VI
01	07	0	01070	SOLAS ch. VII

The coding system - Structure

Deficiency Code:

- always linked to one or more Base Codes
- to describe a deficiency
- to link to a RO for a detainable deficiency
- to allow statistical analysis

The coding system - Structure

Deficiency Code compiled of a:

- Area Code which is compiled of a:
 - Risk area and a Sub area code

Risk area code	Risk area (as in verification report)	Sub area code	Sub area	Def Area code	Deficiency area
01	Certificate & Documentation	1	Ship Certificates	011	Certificate & Documentation - Ship Certificates
01	Certificate & Documentation	2	Crew Certificates	012	Certificate & Documentation - Crew Certificates
01	Certificate & Documentation	3	Documents	013	Certificate & Documentation - Documents
02	Structural Conditions	1		021	Structural Conditions
03	Water/Weathertight conditions	1		031	Water/Weathertight conditions
04	Emergency Systems	1		041	Emergency Systems
05	Radio Communications	1		051	Radio Communications

The coding system - Structure

and:

- Defective Item

Defective Item	Risk Area	Sub Area	Risk Area	Def Area	Indiv. code	Item Code	Base code 1	Base code 2	Default Base code
Cargo Ship Safety Equipment (including exemption)	Certificates & Documentation	Ship Certificate	01	011	01	01101	01010		
Cargo Ship Safety Construction (including exempt.)	Certificates & Documentation	Ship Certificate	01	011	02	01102	01010		
Passenger Ship Safety (including exemption)	Certificates & Documentation	Ship Certificate	01	011	03	01103	01010		
Cargo Ship Safety Radio (including exemption)	Certificates & Documentation	Ship Certificate	01	011	04	01104	01010		
Cargo Ship Safety (including exemption)	Certificates & Documentation	Ship Certificate	01	011	05	01105	01010		
Fitness for duty - work and rest hours	Working and Living Conditions	Working Conditions	09	092	35	09235	09020	05080	09020

The coding system - Deficiencies

This code will be used to link the Deficiency Code to the relevant convention

Base Code

0 9 0 3 0

Convention
Code

Reference
Digit

Control
Digit

ILO C147/P147

Title 3:
Accommodation,
recreational
facilities, food
and catering

No need
in this
example

This code will be used to identify the deficiencies

Deficiency Code

0 9 1 0 3

Area Code

Defective Item

Working
and Living
Conditions

Living
Conditions

Ventilation

The coding system - Deficiencies

Base Code

Convention Code	Reference Digit	Control Digit
01	02	4

01024

SOLAS

Chapter II

II-2

04	02	0
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MARPOL

Annex II

No need
in this
example

Deficiency Code

Area Code	Defective Item
013	09

01309

Certificates &
Documentation

Document

Fire control
plan

14	20	1
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Pollution
Preventions

Marpol
Annex II

Efficient
stripping

Implementation in THETIS

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Base Code – how it looks in THETIS

Deficiency area: * 011 - Certificate & Documentation - Ship Certificates ▼

Defective item: * 01101 - Cargo Ship Safety Equipment (including exemption) ▼

Note: Selecting another item will reset the form

Nature of defect: * ▼

Accidental damage ☐

Actions: *

- 10 - Rectified
- 15 - To be rectified at next port
- 16 - To be rectified within 14 days
- 17 - To be rectified before departure
- 26 - Competent security authority informed
- 46 - To be rectified at agreed repair port
- 47 - As in the agreed class condition
- 48 - As in the agreed flag State condition

Add »

« Remove

As referred to in SOLAS ch. I ▼

Reference

Base Code filled
by THETIS in line
with the Defective
Item used

Base Code – how it looks in THETIS

Deficiency area: * 092 - Living and Working Conditions - Working Conditions ▼

Defective item: * 09235 - Fitness for duty - work and rest hours ▼

Note: Selecting another item will reset the form

Nature of defect: * ▼

Accidental damage ☐

Actions: *

- 10 - Rectified
- 15 - To be rectified at next port
- 16 - To be rectified within 14 days
- 17 - To be rectified before departure
- 26 - Competent security authority informed
- 46 - To be rectified at agreed repair port
- 47 - As in the agreed class condition
- 48 - As in the agreed flag State condition

Add »

« Remove

As referred to in ▼

Reference STCW Code Part A ch.VIII
C147 and P147: Conditions of employment

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Base Code
to be
selected by
the PSCO

Examples

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THETIS - how it should be

07114

Remote Means of
control (opening, pumps,
ventilation, etc.)
Machinery spaces

Inoperative

SOLAS ch. II-2 -
SOLAS 91/92 Amend /
II-2 / Reg. 4

04114

Emergency source of
power - Emergency
generator

Inoperative

SOLAS ch. II-1 Parts C,
D, E, F - SOLAS 91/92
Amend / II-1 / Reg. 43

THETIS - how it should not be

14119-Oil and oily
mixtures from machinery
spaces

Lack of familiarity

MARPOL Annex I -
STCW25 PART A Ch
VIII PART 3.8.8

09223-Gangway,
accommodation-ladder

Damaged

C147 and P147: Health
protection, medical care,
welfare & social security
Load Lines Annex I. R15

THETIS - Problem more than one Base Code

03101-Overloading

Overloaded

SOLAS ch. VI - 11 68 Art

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<https://thetis-training.emsa.europa.eu/web/guest>

Questions ?