

## **PORT STATE CONTROL COMMITTEE INSTRUCTION 57/2024/06**

### **Guidelines for PSC inspections of Ships carrying Industrial Personnel**

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## 1 GENERAL

The *International Convention for the Safety of Life at Sea* (SOLAS 1974) was adopted in 1974 and entered into force in 1980. The convention has been amended several times since entry into force. The recent amendment adopted by Resolution MSC.521(106) added a new Chapter to the Convention – Chapter XV, Safety Measures for Ships carrying Industrial Personnel.

This new chapter has made it mandatory for Ships and high-speed craft to which this chapter applies to be:

- .1 be certified as a cargo ship or high-speed cargo craft in accordance with either chapter I or chapter VIII or chapter X, as applicable;
- .2 meet the requirements of the IP Code (Resolution MSC.527(106)); and
- .3 in addition to the requirements of regulations I/8, I/9 and I/10 or of sections 1.5 to 1.9 of the High-Speed Craft (HSC) Code, as applicable, be surveyed and certified, as provided for in the IP Code.

Industrial personnel (IP) means all persons transported or accommodated on board for the purpose of offshore industrial activities performed on board other ships and/or offshore facilities.

Wherever in SOLAS Chapter XV, or in the IP Code, the number of Industrial Personnel appears as a parameter, it shall be the aggregate number of industrial personnel, special personnel<sup>1</sup> and passengers carried on board, where the number of passengers shall not exceed 12.

## 2 GOALS AND PURPOSE

This document is intended to provide basic guidance for a harmonized approach of port state control inspections in compliance with the IP Code and such ships shall be subject to the control established in regulation I/19 or XI-1/4 of SOLAS, and in 1.10 of the HSC Code.

## 3 APPLICATION

- 3.1** Unless expressly provided otherwise, SOLAS Chapter XV applies to cargo ships and high-speed cargo craft, of 500 gross tonnage and upwards, constructed on or after 1 July 2024 which carry more than 12 industrial personnel. during the inspection.
- 3.2** Cargo ships constructed before 1 July 2024, authorized by the Administration to carry more than 12 industrial personnel in accordance with the recommendations developed by the Organization, shall comply with regulations III/1, III/2 (except for paragraph 2.1.7), IV/7 and IV/8 of the IP Code by the first intermediate or renewal survey, whichever occurs first, after 1 July 2024.
- 3.3** High-speed cargo craft constructed before 1 July 2024, authorized by the Administration to carry more than 12 industrial personnel in accordance with the recommendations developed by the Organization, shall comply with regulations III/1, III/2 (except for paragraph 2.1.7), V/7 and V/8 of the IP Code by the third

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<sup>1</sup> Refer to the Code of Safety for Special Purpose Ships, 2008.

periodical or first renewal survey, whichever occurs first, after 1 July 2024.

**3.4** Cargo ships and high-speed cargo craft, irrespective of date of construction, which prior to the 1 July 2024 have not been authorized by the Administration to carry more than 12 industrial personnel based on the recommendations developed by the Organization<sup>2</sup>, shall comply with the requirements of paragraph 3.2 or 3.3 of this PSCC Instruction.

**3.5** For the purpose of this chapter, the expression constructed refers to the description given in regulations:

- .1 II-2/1.1.2.1, as complemented by regulation II-2/1.1.3 for cargo ships; and
- .2 X/1.4, as complemented by regulation X/1.5 for high-speed cargo craft.  
(Added by Res.MSC.521(106))

**3.6** Application of other Chapters of SOLAS

- .1 The regulations for cargo ships contained in the other chapters of the SOLAS Convention apply to ships described in section 3.1 above, except as modified by SOLAS Chapter XV.
- .2 Notwithstanding the provisions of section 3.1 above, for high-speed craft to which the HSC Code applies, the regulations for cargo craft in that Code apply except as modified by this chapter. (Added by Res.MSC.521(106))

## **4 REQUIREMENTS**

Ships and high-speed craft to which SOLAS chapter XV applies shall:

- .1 be certified as a cargo ship or high-speed cargo craft in accordance with either chapter I or chapter VIII or chapter X, as applicable;
- .2 meet the requirements of the IP Code; and
- .3 in addition to the requirements of regulations I/8, I/9 and I/10 or of sections 1.5 to 1.9 of the HSC Code, as applicable, be surveyed and certified, as provided for in the IP Code.

## **5 RELEVANT DOCUMENTATION**

.1 Ships documents

1. Industrial Personnel Safety Certificate **OR**  
Evidence of authorization by the Administration to operate in the case of ships/craft constructed before 01 July 2024 presenting for PSC inspection prior to surveys referenced in Sections 3.2 & 3.3.
2. SOLAS or HSC certs
  - i. as required by SOLAS Ch I for cargo ships
  - ii. as required by SOLAS Ch X for high-speed cargo craft
3. minimum safe manning document;
4. muster list;

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<sup>2</sup> Refer to the Interim recommendations on the safe carriage of more than 12 industrial personnel on board vessels engaged on international voyages (resolution MSC.418(97)).

## 5. Record of use and maintenance of personnel transfer appliance(s)

### .2 Industrial Personnel documentation

- .1 minimum age (16 years old);
- .2 physically and medically fit<sup>3</sup>;
- .3 Evidence of training or instruction on:
  - Personal Survival Training<sup>4</sup>
  - Fire Safety<sup>4</sup>
  - Personal Safety and Social Responsibility Training<sup>4</sup>
  - Onboard ship-specific safety familiarisation (prior to leaving port or immediately after boarding)
  - Familiarisation in the ship's procedures, arrangements and any additional safety measures or equipment for the transfer of personnel to other ships and/or offshore facilities.

## 6 DEFINITIONS AND ABBREVIATIONS

- 6.1** The PSCC Instruction containing "Definitions and Abbreviations" serves as general document and is to be used in conjunction with this Paris MoU document.
- 6.2** Industrial personnel (IP) means all persons transported or accommodated on board for the purpose of offshore industrial activities performed on board other ships and/or offshore facilities.
- 6.3** IP Code means the International Code of Safety for Ships Carrying Industrial personnel, as adopted by the Maritime Safety Committee by resolution MSC.527(106), as may be amended, provided that such amendments are adopted, brought into force and take effect in accordance with the provisions of article VIII of the present Convention concerning the amendment procedures applicable to the annex other than chapter I.
- 6.4** Offshore industrial activities mean the construction, maintenance, decommissioning, operation or servicing of offshore facilities related, but not limited, to exploration and exploitation of resources by the renewable or hydrocarbon energy sectors, aquaculture, ocean mining or similar activities.

## 7 INSPECTION OF SHIP

### 7.1 Pre-boarding preparation

The PSCO should determine whether the ship is certified under SOLAS Chapter I (Cargo Ship) or Chapter X (High-Speed Cargo Craft).

- 7.1.1 Footnotes contained in the relevant instruments are to be taken into account for reference purposes only and in any case of uncertainty regarding the manning or seafarer or industrial personnel certification the flag State is to be consulted.

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<sup>3</sup> Medical standard must be acceptable to the Administration.

<sup>4</sup> All industrial personnel shall, prior to boarding the ship, receive training or instruction with respect to personal survival, fire safety and personal safety and social responsibilities.

7.1.2 The pre-boarding preparation, composition of the inspection team, the approach to the vessel, the boarding of the vessel and the initial inspection should be carried out in accordance with the Paris MoU procedures.

## **7.2 Initial inspection**

7.2.1 In addition to the list of documents in Annex 10 of the PMoU the PSCO should examine the applicable ships documents found in section 5.1, and a sample of industrial personnel documents found in section 5.2.

7.2.2 Determine status and quantity of persons on board e.g., crew, passengers industrial personnel and special personnel. Wherever in SOLAS Chapter XV, or in the IP Code, the number of Industrial Personnel appears as a parameter, it shall be the aggregate number of industrial personnel, special personnel<sup>5</sup> and passengers carried on board, where the number of passengers shall not exceed 12.

7.2.3 It should be checked that the number of persons on board is no greater than that specified on the Record of Equipment for the Industrial Personnel Safety Certificate. Note the IP Safety Cert states the total aggregate number of persons on board.

7.2.4 During the initial PSC inspection, the PSCO should verify if the ship carries a valid Industrial Personnel Safety Certificate. The PSCO should verify that the Industrial Personnel Safety Certificate validity, survey dates and endorsements are harmonized with the relevant SOLAS certificates in accordance with the provisions of SOLAS regulation I/14 or X/3.2, as appropriate, and that the certificate includes a supplement recording equipment required by the Code (Form IP).

## **7.3 Clear grounds**

7.3.1 The PSCO may establish clear grounds for carrying out a more detailed inspection. The following non exhaustive list may be considered as clear grounds for a more detailed inspection:

- Documentation confirming IP training or instructions not as required.
- Stability Booklet and information of ship constructed on or after 01 July 2024 not in accordance with IP code.
- The deck area for personnel transfer is obstructed or located at cargo area.
- Equipment found to be not in accordance with the Record of Equipment or not in accordance with requirements.
- Insufficient provision of life saving appliances.

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<sup>5</sup> Refer to the Code of Safety for Special Purpose Ships, 2008.

## **7.4 More detailed inspection**

### **7.4.1 The PSCO should verify:**

- .1 that the documentary evidence of training and ship specific familiarisation for a sufficient number of industrial personnel are fully checked; and
- .2 that the subdivision and stability requirements of the IP Code are complied with noting that the requirements for a ship or high-speed cargo craft constructed on or after 01 July 2024 are more onerous than for a cargo ship or high-speed cargo craft as appropriate; and
- .3 that the additional regulations for ships certified in accordance with SOLAS Chapter I or Chapter X, as appropriate, are satisfied (IP Code Part IV & V); and
- .4 that where dangerous goods are carried, the ship or high-speed cargo craft complies with the requirements of Part IV Regulation 8 or Part V Regulation 8 of the IP Code as appropriate.

## **7.5 Expanded Inspection**

7.5.1 An expanded inspection should be carried out in accordance with the Paris MoU procedures and guidelines considering the ship as an Offshore service ship (PSCC 54/2021/03 Annex 1, Section 4). There are no special requirements regarding IP to follow during an expanded inspection.

## **8 FOLLOW-UP ACTION**

### **8.1 Possible action**

Ships and high-speed craft to which this SOLAS Ch XV applies, holding a certificate issued pursuant to the provisions of regulation 5.1 shall be subject to the control established in SOLAS regulation I/19 or XI-1/4, and in 1.10 of the HSC Code, as applicable. For this purpose, such certificates shall be treated as a certificate issued under regulation I/12 or I/13.

### **8.2 Possible deficiencies**

#### **[Refer to Annex 1]**

The following is a non-exhaustive list of possible deficiencies:

Ships' documentation:

- .1 no Industrial Personnel Safety Certificate or associated Record of Equipment;
- .2 no harmonisation of dates with relevant SOLAS certificates;
- .3 not manned in accordance with Minimum Safe Manning Document;

Industrial Personnel:

- .4 no documentary evidence attesting to familiarisation or training as set out in 5.2 above; and

Personnel Transfer Arrangement(s):

- .5 no record of use and maintenance of transfer equipment available (IP Code, Part III, Regulation 2.1.4);
- .6 Transfer arrangement not permanently marked to enable identification (IP Code, Part III, Regulation 2.1.4); and
- .7 lighting capable of being supplied by the emergency source of power illuminating the personnel transfer arrangements, the water below the transfer arrangements and the passage from transfer arrangement to IP area not provided or not functioning (IP Code, Part III, Regulation 2.1.7).

### **8.3 Deficiencies that may warrant detention**

8.3.1 A PSCO should use his/her professional judgment to determine whether to detain the ship until any noted deficiencies are corrected or to permit a vessel to sail with deficiencies.

8.3.2 In order to assist the PSCO in the use of these guidelines, the following deficiencies should be considered to be of such nature that they may warrant the detention of a ship:

- .1 failure of the vessel to hold a valid Industrial Personnel Safety Certificate, as required by IP Code Part I Regulation 3.1 and by SOLAS Chapter XV Regulation 5, by the required deadline related to the relevant survey cycle;
- .2 failure of the master to hold the required evidence of training and familiarisation of all Industrial Personnel (IP Code Part III Regulation 1);
- .3 failure to comply with additional regulations as specified in Part IV of the IP Code for ships certified in accordance with SOLAS Chapter I or craft certified in accordance with Chapter X;
- .4 failure to comply with additional regulations as specified in Part V of the IP Code for high-speed cargo craft certified in accordance with SOLAS Chapter X.
- .5 missing or defective equipment; and
- .6 ship carries toxic products, low-flashpoint products or acids, while total number of persons on board exceeds 60.

Before detaining a ship, reference should be made to a PSCC Instruction "Guidance on Detention and Action Taken" when deficiencies are found.

### Annex 1 List of possible Deficiencies

Code	Defective Item	Nature of defect	Convention reference	AT Code	Equipment Related? (Y/N)	Detainable? (Y/N)	RO related ? (Y/N) <sup>6</sup>
01145	Industrial Personnel Safety Certificate	Missing, Invalid, Not properly filled, Expired, Withdrawn, Not as required	IP Code, Part I, Paragraph 3	Rectified, To be rectified before departure, To be rectified within 14 days, As in the agreed flag State condition, Flag State Administration consulted, At the next port, Master instructed to ...	N	Y	Y
19101	Documentation - Industrial Personnel	Missing, Invalid, Not properly filled, Expired, Withdrawn, Not as required	IP Code, Part III, 1.4	Rectified, To be rectified before departure, To be rectified within 14 days, As in the agreed flag State condition, Flag State Administration consulted, To be rectified at the next port, Master instructed to ...	N	Y	N
19102	Ship Specific Familiarisation- Industrial Personnel	Missing, Invalid, Not properly filled, Expired, Withdrawn, Not as required	IP Code, Part III, 1.5	Rectified, To be rectified before departure, To be rectified within 14 days, As in the agreed flag State condition, Flag State Administration consulted, To be rectified at the next port, Master instructed to ...	N	Y	N
19103	Subdivision & Stability - IP Code	Missing, Incomplete, Insufficient, not available, Not approved, Not in working language, Not as required, Documentation missing	IP Code, Part IV Regulation 2, Part V Regulation 2	Rectified, To be rectified before departure, To be rectified within 14 days, As in the agreed flag State condition, To be rectified at the next port, Master instructed to ...	N	Y	Y
19104	Transfer Arrangements - Industrial Personnel	Missing, Invalid, Not properly filled, Not as required, Not properly marked, Malfunctioning, Inoperative.	IP Code, Part III, Regulation 2.1	Rectified, To be rectified before departure, To be rectified within 14 days, As in the agreed flag State condition, As in the agreed class condition, Flag State consulted, To be rectified at the next port, Temporary repair carried out, To be rectified at agreed repair port, Master instructed to ...	Y	Y	Y

<sup>6</sup> Refer to Port State Control Committee Instruction 48/2015/09



19105	Medical Certificate - Industrial Personnel	Entries missing, Expired, Incomplete, Incorrect language, Invalid, Missing, Not as required, Not properly filled, Not revalidated	IP Code, Part III, Regulation 1.1	Master instructed to ..., Rectified, To be rectified at next port, To be rectified before departure, To be rectified within 14 days	N	Y	N
19106	Minimum age - Industrial Personnel	Not as required	IP Code, Part III, Regulation 1.1	Rectified, To be rectified at agreed repair port, To be rectified at next port, To be rectified before departure, To be rectified within 14 days	Y	N	N
19107	Stowage/segregation/packaging dangerous goods - IP Code	Missing, Invalid, Not properly filled, Not as required	IP Code, Part III, Regulation 2.1	Rectified, To be rectified at next port, To be rectified before departure, To be rectified within 14 days, As in the agreed flag State condition, At the next port, Master instructed to ...	Y	Y	N