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**Resolution A.1105(29)**

**Adopted on 2 December 2015  
(Agenda item 10)**

**2015 NON-EXHAUSTIVE LIST OF OBLIGATIONS UNDER INSTRUMENTS RELEVANT  
TO THE IMO INSTRUMENTS IMPLEMENTATION CODE (RESOLUTION A.1070(28))**

THE ASSEMBLY,

RECALLING Article 15(j) of the Convention on the International Maritime Organization concerning the functions of the Assembly in relation to regulations and guidelines regarding maritime safety and the prevention and control of marine pollution from ships,

RECALLING ALSO that, by resolution A.1070(28), it adopted the IMO Instruments Implementation Code (III Code),

RECALLING FURTHER that, by resolution A.1077(28), it adopted the 2013 Non-exhaustive list of obligations under instruments relevant to the IMO Instruments Implementation Code (hereafter referred to as the "Non-exhaustive list of obligations") for guidance on the implementation and enforcement of IMO instruments, in particular concerning the identification of auditable areas relevant to the IMO Member State Audit Scheme,

RECOGNIZING the need for the annexes to the Non-exhaustive list of obligations to be further revised to take account of the amendments to the IMO instruments referred to in the III Code which have entered into force or become effective since the adoption of resolution A.1077(28),

RECOGNIZING ALSO that parties to the relevant international conventions have, as part of the ratification process, agreed to fully meet their responsibilities and to discharge their obligations under the conventions and other instruments to which they are party,

REAFFIRMING that it is the primary responsibility of States to have in place an adequate and effective system to exercise control over ships entitled to fly their flag and to ensure that they comply with relevant international rules and regulations in respect of maritime safety, security and protection of the marine environment,

REAFFIRMING ALSO that States, in their capacity as flag, port and coastal States, have other obligations and responsibilities under applicable international law in respect of maritime safety, security and protection of the marine environment,

NOTING that, while States may gain certain benefits by becoming party to instruments aimed at promoting maritime safety, security and protection of the marine environment, these benefits can be fully realized only when all parties carry out their obligations as required by the instruments concerned,

NOTING ALSO that the ultimate effectiveness of any instrument depends, inter alia, upon all States:

- (a) becoming party to all instruments related to maritime safety, security and pollution prevention and control;
- (b) implementing and enforcing such instruments fully and effectively; and
- (c) reporting to the Organization as required,

NOTING ALSO that, by resolutions A.1083(28), A.1084(28) and A.1085(28), it adopted amendments to the International Convention on Load Lines, 1966, the International Convention on Tonnage Measurement of Ships, 1969, and the Convention on the International Regulations for Preventing Collisions at Sea, 1972, to make the use of the III Code mandatory under these conventions,

NOTING ALSO that the Maritime Safety Committee, by resolutions MSC.366(93), MSC.373(93), MSC.374(93) and MSC.375(93), adopted amendments to the International Convention for the Safety of Life at Sea, 1974, the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, the Seafarers' Training, Certification and Watchkeeping (STCW) Code, and the Protocol of 1988 relating to the International Convention on Load Lines, 1966, respectively, to make the use of the III Code mandatory under these instruments,

NOTING FURTHER that the Marine Environment Protection Committee, by resolutions MEPC.246(66) and MEPC.247(66), adopted amendments to the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, and the Protocol of 1997 to amend the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, respectively, to make the use of the III Code mandatory under these instruments,

HAVING CONSIDERED the recommendations made by the Marine Environment Protection Committee, at its sixty-seventh session, and the Maritime Safety Committee, at its ninety-fourth session,

1 ADOPTS the 2015 Non-exhaustive list of obligations under instruments relevant to the IMO Instruments Implementation Code (resolution A.1070(28)), as set out in the annex to the present resolution;

2 URGES Governments of all States, in their capacity as flag, port and coastal States, to make as much use as possible of the list in implementing IMO instruments on a national basis;

3 REQUESTS the Maritime Safety Committee and the Marine Environment Protection Committee to keep the list under review and to propose amendments thereto to the Assembly, as appropriate;

4 REVOKES resolution A.1077(28).

Annex

**2015 NON-EXHAUSTIVE LIST OF OBLIGATIONS UNDER INSTRUMENTS RELEVANT TO THE IMO INSTRUMENTS IMPLEMENTATION CODE (RESOLUTION A.1070(28))**

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## Annex 1

**OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES**

The following table contains a non-exhaustive list of obligations, including those obligations imposed when a right is exercised.

|   | <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>      |                                 |
|---|--|---------------------------------|
| <b>SOURCE</b>                               | <b>SUMMARY DESCRIPTION</b>                                 | <b>COMMENTS</b>                 |
| <b>TONNAGE 1969</b>                         |  |                                 |
| Article 1                                   | General obligation under the Convention                    |                                 |
| Article 5(2)                                | Force majeure  |                                 |
| Article 8                                   | Issue of a certificate by another Government               |                                 |
| Article 10                                  | Cancellation of certificate                                |                                 |
| Article 11                                  | Acceptance of certificates                                 |                                 |
| Article 15                                  | Communication of information                               |                                 |
| <b>LL 1966 and LL PROT 1988<sup>1</sup></b> |  |                                 |
| Article. 1                                  | General obligation under the Convention                    |                                 |
|   | General obligations  | LL PROT 1988 only (Article I)   |
| Article 7(2)                                | Force majeure  |                                 |
| Article 17                                  | Issue or endorsement of certificates by another Government | amended by LL PROT 1988         |
| Article 20                                  | Acceptance of certificates                                 |                                 |
| Article 25                                  | Special rules drawn up by agreement                        |                                 |
| Article 26                                  | Communication of information                               |                                 |
|   | Communication of information                               | LL PROT 1988 only (Article III) |

<sup>1</sup> When the obligation does not derive from the International Convention on Load Lines, 1966, but solely from the Protocol of 1988 relating thereto, this is indicated in the "Comments" column.

|   | <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>   |                 |
|---|---|-----------------|
| <b>SOURCE</b>   | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| <b>COLREG 1972</b><br>Article I   | General obligations   |                 |
| <b>STCW 1978</b><br>Article I<br>Article IV<br>Article XI(1)<br>Reg. I/2.12<br>Reg. I/2.14<br>Regs. I/2.15 and 2.16<br>Reg. I/3<br>Reg. I/5<br>Reg. I/6.1<br>Reg. I/6.2<br>Reg. I/7<br>Regs. I/8.1 and 8.2<br>Reg. I/8.3<br>Regs. I/9.1 and 9.2 | General obligations under the Convention<br>Communication of information<br>Promotion of technical cooperation<br>Issue of certificates of competency<br>Maintenance of a register or registers of all certificates and endorsements<br>Availability of information on the status of certificates of competency, endorsements and dispensations (as of 1 January 2017, available in English through electronic means)<br>Principles governing near-coastal voyages, communication of information and incorporation of limits in the endorsements<br>National provisions – impartial investigation, enforcement measures including penalties or disciplinary measures and cooperation<br>Training and assessment – administration, supervision and monitoring<br>Qualification of those responsible for training and assessment<br>Communication of the information as referred to in article IV of the STCW 78 Convention and A-I/7 of the STCW Code<br>Quality standards system and periodical independent evaluation<br>Communication of a report<br>Medical standards, procedures for the issue of medical certificates and recognition of medical practitioners |                 |

|                       | <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>  |  |
|-----------------------|--|--|
| <b>SOURCE</b>         | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>                        |
| Reg. I/9.6            | Procedures governing the validity of a medical certificate which expires in the course of a voyage   |  |
| Regs. I/11.4 and 11.5 | Comparison of standards of competence – determination of need for appropriate refresher and updating training or assessment and formulation or promotion of the formulation of a structure of refresher and updating courses |  |
| Reg. II/5.3           | Comparison of standards of competence – determination of the need to update qualifications for able seamen to whom certificates are issued before 1 January 2012   |  |
| Reg. III/5.3          | Comparison of standards of competence – determination of the need to update qualifications for ratings in engine department to whom certificates are issued before 1 January 2012  |  |
| Reg. III/6.3          | Comparison of standards of competence – determination of the need to update qualifications for electro-technical officers to whom certificates are issued before 1 January 2012  |  |
| Reg. III/7.3          | Comparison of standards of competence – determination of the need to update qualifications for electro-technical ratings to whom certificates are issued before 1 January 2012   |  |
| Reg. VII/3.1          | Principles governing the issue of alternative certificates   |  |
| <b>SOLAS 1974</b>     |  |  |
| Article I             | General obligations under the Convention   | in SOLAS PROT 1978 and SOLAS PROT 1988 |
| Article III           | Communication of information   | in SOLAS PROT 1978 and SOLAS PROT 1988 |
| Article V(c)          | Carriage of persons in emergencies – reporting   |  |
| Article VII           | Special rules drawn up by agreement  |  |
| Article XI            | Denunciation   | in SOLAS PROT 1988 (Article VII)       |

|               | <b>OBLIGATIONS OF CONTRACTING<br/>GOVERNMENTS/PARTIES</b>   |                    |
|---------------|---|--------------------|
| <b>SOURCE</b> | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b>    |
| Reg. I/13     | Issue or endorsement of certificates by another Government  | in SOLAS PROT 1988 |
| Reg. I/17     | Acceptance of certificates  | also reg. I/19(b)  |
| Reg. I/21(b)  | Casualties – reporting  |                    |
| Reg. IV/5     | Provision of radiocommunication services and communication of information on such provision                 |                    |
| Reg. IV/5-1   | Global maritime distress and safety system identities – ensuring suitable arrangements                      |                    |
| Reg. V/5      | Meteorological services and warnings  |                    |
| Reg. V/6      | Ice Patrol Service  |                    |
| Reg. V/10     | Ships' routeing   |                    |
| Reg. V/11     | Ship reporting systems  |                    |
| Reg. V/12     | Vessel traffic services   |                    |
| Reg. V/13     | Establishment and operation of aids to navigation   |                    |
| Reg. V/31.2   | Danger messages – bring to the knowledge of those concerned and communicate to other interested Governments |                    |
| Reg. V/33.1-1 | Distress situations: obligations and procedures – coordination and cooperation                              |                    |
| Reg. VI/1.2   | Appropriate information on safe carriage of cargoes   |                    |
| Reg. VII/2.4  | Issue of instructions on emergency response, etc.   |                    |
| Reg. VII/7-1  | Issue of instructions on emergency response, etc.   |                    |

|                         | <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>   |  |   |
|-------------------------|---|--|---|
| <b>SOURCE</b>           | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b>                        |   |
| <b>MARPOL</b>           |   |  |   |
| Article 1               | General obligations under the Convention  | and MARPOL<br>PROT 1978<br>(Article I) |   |
| Articles. 4(2) and 4(4) | Violation   |  |   |
| Article 5(1)            | Certificates and special rules on inspection of ships – acceptance of certificates  |  |   |
| Article 5(4)            | Certificates and special rules on inspection of ships – no more favourable treatment  |  |   |
| Article 6(1)            | Detection of violations and enforcement of the Convention – cooperation   |  |   |
| Article 6(3)            | Detection of violations and enforcement of the Convention – furnishing evidence   |  |   |
| Article 7               | Undue delay to ships  |  |   |
| Article 8               | Reports on incidents involving harmful substances   |  |   |
| Article 11              | Communication of information  |  | modified by<br>MARPOL<br>PROT 1978<br>(Article III) |
| Article 12(2)           | Casualties to ships – information to IMO  |  |   |
| Article 17              | Promotion of technical cooperation  |  |   |
| <b>Annex I</b>          |   |  |   |
| Reg. 8                  | Issue or endorsement of a certificate by another Government   |  |   |
| Reg. 15.7               | Control of discharge of oil – investigations (machinery spaces)   |  |   |
| Reg. 34.7               | Control of discharge of oil – investigations (cargo area)   |  |   |
| Regs. 38.4 and 38.6     | Consultation with IMO for circulation of information regarding reception facilities by Parties participating in regional arrangements |  |   |



|                                     | <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>   |  |
|-------------------------------------|---|--|
| <b>SOURCE</b>                       | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b>                          |
| <b>Annex II</b>                     |   |  |
| Reg. 6.3                            | Categorization and listing of noxious liquid substances and other substances – establish and agree on provisional assessment and notify IMO |  |
| Regs. 9.3.1, 9.3.2, 9.3.3 and 9.3.4 | Issue or endorsement of a certificate by another Government   |  |
| Reg. 13.4                           | Control of discharges of residues – exemption for a prewash   |  |
| Regs. 18.3 and 18.4                 | Consultation with IMO for circulation of information regarding reception facilities by Parties participating in regional arrangements       |  |
| Reg. 18.5                           | Reception facilities and cargo unloading terminal arrangements – agreeing and establishing a date, notifying IMO                            |  |
| <b>Annex III</b>                    |   |  |
| Reg.1.3                             | Application – issue detailed requirements   |  |
| <b>Annex IV</b>                     |   |  |
| Reg. 6                              | Issue or endorsement of a certificate by another Government   |  |
| Reg. 12.2                           | Consultation with IMO for circulation of information regarding reception facilities by Parties participating in regional arrangements       |  |
| <b>Annex V</b>                      |   |  |
| Reg. 8.3                            | Consultation with IMO for circulation of information regarding reception facilities by Parties participating in regional arrangements       |  |
| <b>Annex VI</b>                     |   |  |
| Reg. 7                              | Issue or endorsement of a certificate by another Government   | Addition related to IECC by MEPC.203(62) |
| Regs. 9.9.3 and 9.11.2              | Transfer of flag – transmitting copies of the certificate and the relevant survey report  |  |

|                 | <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>   |                 |
|-----------------|---|-----------------|
| <b>SOURCE</b>   | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Reg. 11.1       | Detection of violations and enforcement – cooperation   |                 |
| Reg. 11.2       | Inspection report in case of detection of violations  |                 |
| Reg. 11.3       | Detection of violations and enforcement – information to flag State and master on violations detected   |                 |
| Reg. 11.5       | Transmission of report to requesting Party  |                 |
| Reg. 13.7.1     | Certification of an approved method and communication to IMO  |                 |
| Reg. 17.1       | Adequate reception facilities   |                 |
| Reg. 17.2       | Consultation with IMO for circulation of information regarding reception facilities by Parties participating in regional arrangement  |                 |
| Reg. 17.4       | Reception facilities unavailable or inadequate – communication to IMO   |                 |
| Reg. 18.1       | Availability of fuel oils and communication to IMO  |                 |
| Reg. 18.2.1     | Ship not compliant with fuel oil standards  |                 |
| Reg. 18.2.3     | Action taken, including not taking control measures   |                 |
| Reg. 18.2.5     | Evidence of the non-availability of compliant fuel oil – communication to IMO   |                 |
| Reg. 18.9       | Authorities designated for register of local suppliers, bunker delivery note and sample, fuel oil quality, actions against fuel oil suppliers of non-compliance, informing the Administration of any ship receiving non-compliant fuel oil and communication to IMO of non-compliant fuel oil suppliers as referred to in the paragraph |                 |
| <b>ISM Code</b> |   |                 |
| Para. 14.3      | Extension of validity of Interim SMC by another Contracting Government  |                 |

|                      | <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>  |                   |
|----------------------|--|-------------------|
| <b>SOURCE</b>        | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>   |
| <b>1994 HSC Code</b> |  |                   |
| Para. 1.8.2          | Issue of certificates by another Government  |                   |
| Para. 14.2.1.12      | Definition of "sea area A1"  | as may be defined |
| Para. 14.2.1.13      | Definition of "sea area A2"  | as may be defined |
| <b>2000 HSC Code</b> |  |                   |
| Para. 1.8.2          | Issue of certificates by another Government  |                   |
| Para. 14.2.1.13      | Definition of "sea area A1"  | as may be defined |
| Para. 14.2.1.14      | Definition of "sea area A2"  | as may be defined |
| <b>IMDG Code</b>     |  |                   |
| Section 1.3.1        | Training of shore-side personnel – establishment of the period of time for keeping records of training   |                   |
| Section 1.5.2        | Radiation protection programme – role of Competent Authority   |                   |
| Section 1.5.3        | Quality assurance programmes – role of Competent Authority   |                   |
| Chapter 3.3, SP356   | Approval of metal hydride storage systems installed in vehicles, vessels or aircrafts or in completed components or intended to be installed in vehicles, vessels or aircrafts |                   |
| Chapter 4.1          | Approval of packagings as referred to in the Chapter – role of Competent Authority   |                   |
| Section 5.1.5        | General provisions for class 7 – role of Competent Authority   |                   |
| Section 5.4.1        | Information required in addition to the dangerous goods description – role of the competent authority  |                   |
| Chapter 5.5          | Determining the period between fumigant application and loading of fumigated cargo transport unit on board the ship  |                   |

|                   | <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>  |                 |
|-------------------|--|-----------------|
| <b>SOURCE</b>     | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Chapter 6.2       | Approval of pressure receptacles, aerosol dispensers, small receptacles containing gas and fuel cell cartridges containing liquefied flammable gas – role of Competent Authority |                 |
| Section 6.2.2.6.2 | General provisions – role of Competent Authority   |                 |
| Section 6.2.3     | The marking of salvage pressure receptacles – determination by the competent authority   |                 |
| Section 6.3.2     | Quality assurance programme – role of Competent Authority  |                 |
| Section 6.3.5     | Procedures for performance and frequency of tests – role of Competent Authority  |                 |
| Chapter 6.4       | Approval of package design and materials for class 7 – role of Competent Authority   |                 |
| Section 6.5.4     | Testing, certification and inspection – role of Competent Authority  |                 |
| Chapter 6.6       | Provisions for the construction and testing of large packagings – role of Competent Authority  |                 |
| Chapter 6.7       | Provisions for the design, construction, inspection and testing of portable tanks and multiple-element gas containers – role of Competent Authority                              |                 |
| Chapter 6.8       | Provisions for road tank vehicles – role of Competent Authority  |                 |
| Section 7.1.4.5   | Stowage of goods of class 7 – role of Competent Authority  |                 |
| Chapter 7.9       | Exemptions, approvals and certificates – notifying IMO and recognition of approvals and certificates   |                 |
| <b>IMSBC Code</b> |  |                 |
| Para. 1.7         | Independence of a competent authority  |                 |

|                                    | <b>OBLIGATIONS OF CONTRACTING<br/>GOVERNMENTS/PARTIES</b>                             |                 |
|------------------------------------|---|-----------------|
| <b>SOURCE</b>                      | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| <b>Casualty Investigation Code</b> |   |                 |
| Para. 4.1                          | Detailed contact information of the marine safety investigation authority(ies) to IMO |                 |
| Paras. 5.1 and 5.2                 | Notification of a marine casualty   |                 |
| Paras. 7.1 and 7.2                 | Agreement to conduct a marine safety investigation                                    |                 |
| Para. 8.1                          | Powers provided to investigator(s)  |                 |
| Para. 9.2                          | Coordination for parallel investigations  |                 |
| Para. 10.1                         | Cooperation in investigating  |                 |
| Para. 11.1                         | Investigation not to be subject to external direction                                 |                 |
| Paras. 13.1,13.4 and 13.5          | Draft marine safety investigation reports   |                 |
| Paras. 14.1 and 14.2               | Marine safety investigation reports – communication to IMO                            |                 |
| Para. 14.4                         | Marine safety investigation reports – available to public and shipping industry       |                 |
| <b>IBC Code</b>                    |   |                 |
| Para. 1.5.3                        | Maintenance of conditions after survey  |                 |
| Para. 1.5.5.1                      | Issue or endorsement of International Certificate of Fitness by another Government    |                 |
| <b>BCH Code</b>                    |   |                 |
| Para. 1.6.4.1                      | Issue or endorsement of certificate by another Government                             |                 |
| <b>IGC Code</b>                    |   |                 |
| Para. 1.5.5.1                      | Issue or endorsement of certificate by another Government                             |                 |

|                               | <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>  |                 |
|-------------------------------|--|-----------------|
| <b>SOURCE</b>                 | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| <b>STCW Code, part A</b>      |  |                 |
| Section A-I/6.1               | Training and assessment of seafarers for certification   |                 |
| Section A-I/6.3               | Qualifications of instructors, supervisors and assessors   |                 |
| Section A-I/6.7               | Training and assessment within an institution  |                 |
| Section A-I/7.2               | Communication of information – initial communication (within one year of entry into force of regulation I/7)   |                 |
| Sections A-I/7.3, 7.4 and 7.5 | Communication of information – subsequent reports (within the periods as referred to in paragraphs 7.3, 7.4 and 7.5)   |                 |
| Sections A-I/8.1 and 8.3      | National objectives and quality standards  |                 |
| Section A-I/9.1               | Medical standards – eyesight standards and physical and medical fitness  |                 |
| Section A-I/9.4               | Provisions for recognizing medical practitioners and maintenance of a register of recognized medical practitioners   |                 |
| Sections A-I/9.5 and 9.6      | Guidance, processes and procedures for conducting medical fitness examinations and issuing medical certificates  |                 |
| Section A-I/12.1              | General performance standards for simulators used in training  |                 |
| Section A-I/12.2              | General performance standards for simulators used in assessment of competence  |                 |
| Section A-I/12.6              | Simulator training objectives  |                 |
| Section A-I/12.9              | Qualification of instructors and assessors   |                 |
| Section A-VIII/2.9            | Watchkeeping at sea – directing the attention of companies, masters, chief engineer officers and watchkeeping personnel to observe the principles in parts 4-1 and 4-2 |                 |

Annex 2

**SPECIFIC FLAG STATE OBLIGATIONS**

The following table contains a non-exhaustive list of obligations, including those obligations imposed when a right is exercised.

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>      |  |                                  |
|---|--|----------------------------------|
| <b>SOURCE</b>                               | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>                  |
| <b>TONNAGE 1969</b>                         |  |                                  |
| Article 6                                   | Determination of tonnages  |                                  |
| Article 7(2)                                | Issue of certificates  |                                  |
| Annex I, reg. 1(3)                          | Novel types of craft – determination of tonnage and communication to IMO on method used                      |                                  |
| Annex I, reg. 5(3)(b)                       | Change of net tonnage – alterations or modifications deemed by the Administration to be of a major character |                                  |
| Annex I, reg. 7                             | Measurement and calculation  |                                  |
| <b>LL 1966 and LL PROT 1988<sup>2</sup></b> |  |                                  |
|   | Existing certificates  | LL PROT 1988 only (Article II-2) |
| Article 6(3)                                | Exemptions – reporting   |                                  |
| Article 8(2)                                | Equivalentents – reporting   |                                  |
| Article 9(2)                                | Approvals for experimental purposes – reporting  |                                  |
| Article 13                                  | Surveys and marking  | amended by LL PROT 1988          |
| Article 14                                  | Initial, renewal and annual survey   | amended by LL PROT 1988          |
| Article 16(3)                               | Issue of certificates  |                                  |
| Article 19                                  | Duration and validity of certificates  | amended by LL PROT 1988          |

<sup>2</sup> When the obligation does not derive from the International Convention on Load Lines, 1966, but solely from the Protocol of 1988 relating thereto, this is indicated in the "Comments" column.

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |   |
|--|--|---|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>                                       |
| Article 23                             | Casualties   |   |
| Annex I, reg. 1                        | Strength of hull   |   |
|  | Strength and intact stability of ships   | LL PROT 1988 only<br>(annex I, reg. 1)                |
| Annex I, reg. 2                        | Application – assignment of freeboard  | amended by LL PROT<br>1988                            |
| Annex I, Reg. 2-1                      | Authorization of recognized organizations  | LL PROT 88 only                                       |
| Annex I, reg. 8                        | Details of marking   |   |
| Annex I, reg. 10                       | Stability information – approval   | amended by LL PROT<br>1988                            |
| Annex I, reg. 12                       | Doors  | amended by LL PROT<br>1988                            |
| Annex I, reg. 14                       | Cargo and other hatchways  | amended by LL PROT<br>1988                            |
| Annex I, reg. 15                       | Hatchways closed by portable covers and secured weathertight by tarpaulins and battering devices | amended by LL PROT<br>1988                            |
| Annex I, reg. 16(1)                    | Hatchway coamings – reduced heights  | amended by LL PROT<br>1988<br>(annex I, reg. 14-1(2)) |
| Annex I, reg. 16(4)                    | Securing arrangements  | amended by LL PROT<br>1988<br>(annex I, reg. 16(6))   |
|  | Machinery space openings   | LL PROT 1988 only<br>(annex I, reg. 17(4))            |
| Annex I, reg. 19                       | Ventilators  | amended by LL PROT<br>1988                            |
| Annex I, reg. 20                       | Air pipes  | amended by LL PROT<br>1988                            |
|  | Cargo ports and other similar openings – applicable national standards                           | LL PROT 1988 only<br>(annex I, reg. 21(5))            |
| Annex I, reg. 22                       | Scuppers, inlets and discharges  | amended by LL PROT<br>1988                            |



| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |  |
|--|--|--|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>  |
| Annex I, reg. 25                       | Protection of the crew   | amended by LL PROT 1988  |
| Annex I, reg. 27                       | Freeboards – types of ships  | amended by LL PROT 1988  |
| Annex I, reg. 28                       | Freeboard tables   | amended by LL PROT 1988  |
| Annex I, reg. 39                       | Minimum bow height and reserve buoyancy<br>Lashing system                                  | amended by LL PROT 1988<br>LL PROT 1988 only (annex I, reg. 44(6)) |
| <b>COLREG 1972</b>                     |  |  |
| Annex I, para. 14                      | Approval of construction of lights and shapes and the installation of lights on board      |  |
| Annex III, para. 3                     | Approval of construction, performance and installation of sound signal appliances on board |  |
| <b>STCW 1978</b>                       |  |  |
| Article VI                             | Certificates   |  |
| Article VIII(3)                        | Dispensation – reporting   |  |
| Article IX(2)                          | Equivalentents – reporting   |  |
| Regs. I/2.1, 2.2, 2.7 and 2.8          | Issue and endorsements of certificates of competency                                       |  |
| Regs. I/10.1 and 10.2                  | Recognition of certificates and seafarers' knowledge of maritime legislation               |  |
| Reg. I/11.6                            | Availability – recent changes in national and international regulations                    |  |
| Reg. I/13.3                            | Conduct of trials – safety, security and pollution prevention                              |  |
| Regs. I/13.5 and 13.8.1                | Results of trials – communication  |  |
| Reg. I/13.7                            | Respect for objections to trials   |  |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |  |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>                        |
| Reg. I/13.8                            | Respect for objections by other Parties when authorizing ships to continue to operate with the system under trial                      |  |
| Reg. I/14.1                            | Responsibilities of companies  |  |
| Reg. IV/1.2                            | Application – appropriate certificates for radio operators   |  |
| Reg. V/1-1.7                           | Mandatory minimum requirements for the training and qualification of masters, officers and ratings on oil and chemical tankers         |  |
| Reg. V/1-2.5                           | Mandatory minimum requirements for the training and qualification of masters, officers and ratings on liquefied gas tankers            |  |
| Reg. V/2.1                             | Applicability of the requirements to domestic voyages  |  |
| Reg. V/2.8                             | Mandatory minimum requirements for the training and qualification of masters, officers, ratings and other personnel on passenger ships |  |
| Regs. VIII/1.1 and 1.2                 | Fitness for duty – preventing fatigue and preventing drug and alcohol abuse  |  |
| Regs. VIII/2.1 and 2.2                 | Watchkeeping arrangements and principles – direction and requirements  |  |
| <b>SOLAS 1974</b>                      |  |  |
| Reg. I/4(b)                            | Exemptions – reporting   |  |
| Reg. I/5(b)                            | Equivalent – reporting   |  |
| Reg. I/6                               | Inspection and survey  | in SOLAS PROT 1978 and SOLAS PROT 1988 |
| Reg. I/7                               | Survey of passenger ships  | in SOLAS PROT 1988                     |
| Reg. I/8                               | Survey of life-saving appliances and other equipment of cargo ships  | in SOLAS PROT 1988                     |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |   |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>   |
| Reg. I/9                               | Survey of radio installations of cargo ships   | in SOLAS PROT 1988                                      |
| Reg. I/10                              | Survey of structure, machinery and equipment of cargo ships                                      | in SOLAS PROT 1988                                      |
| Reg. I/12                              | Issue of certificates  | in SOLAS PROT 1988                                      |
|  | Issue and endorsement of certificates  | in SOLAS PROT 1988                                      |
| Reg. I/14                              | Duration and validity of certificates  | in SOLAS PROT 1988                                      |
| Reg. I/15                              | Forms of certificates and records of equipment   | in SOLAS PROT 1988                                      |
| Reg. I/18                              | Qualification of certificates  |   |
| Reg. I/21                              | Casualties   |   |
| Reg. II-1/1.2                          | Compliance with earlier requirements   | revised SOLAS chapter II-1 adopted by MSC 80 and MSC 82 |
| Reg. II-1/3-2                          | Approval of corrosion prevention systems of seawater ballast tanks                               |   |
| Reg. II-1/3-2.4                        | Maintenance of the protective coating  |   |
| Reg. II-1/3-3.2                        | Approval of means of access to tanker bows   |   |
| Regs. II-1/3-4.1.2.2 and 3-4.1.3       | Approval of emergency towing arrangements on tankers   |   |
| Reg. II-1/3-6.2.3                      | Means of access to cargo and other spaces – satisfaction of the Administration as well as survey |   |
| Reg. II-1/3-6.4.1                      | Approval of Ship Structure Access Manual   |   |
| Reg. II-1/3-8.3                        | Appropriate requirements for towing and mooring equipment  |   |
| Reg. II-1/3-9.1                        | Means of embarkation and disembarkation  |   |
| Reg. II-1/3-12                         | Determination of acceptable noise levels in machinery spaces                                     |   |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Reg. II-1/4.2                          | Alternative methodologies – communication to IMO   |                 |
| Reg. II-1/4.4                          | Beneficial or adverse effects of fitting structures as defined by the regulation                         |                 |
| Reg. II-1/5-1.1                        | Stability information to the Administration  |                 |
| Reg. II-1/7-2.5                        | Acceptance of equalization devices and their controls  |                 |
| Reg. II-1/13.9.2                       | Number and arrangements of doors with a device preventing unauthorized opening                           |                 |
| Reg. II-1/13.11.2                      | Special consideration for tunnels piercing watertight bulkheads  |                 |
| Reg. II-1/15.2                         | Arrangement and efficiency of the means for closing any opening in the shell plating                     |                 |
| Reg. II-1/15.6                         | Special sanction for automatic ventilating sidescuttles  |                 |
| Reg. II-1/15.8.5                       | Material of pipes as referred to in the regulation   |                 |
| Reg. II-1/16.1.1                       | Construction and initial tests of watertight doors, sidescuttles, etc.                                   |                 |
| Reg. II-1/16-1.1                       | Construction and initial tests of watertight decks, trunks, etc.   |                 |
| Reg. II-1/17-1.2                       | Indicators for closing appliances that could lead to flooding of a special category space or ro-ro space |                 |
| Regs. II-1/19.3 and 19.4               | Damage control information – general and specific precautions  |                 |
| Reg. II-1/22.4                         | Determination as to whether watertight doors must be permitted to remain open                            |                 |
| Reg. II-1/26.2                         | Consideration of reliability of single essential propulsion components                                   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>                     |   |                 |
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| <b>SOURCE</b>  | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Regs. II-1/29.1, 29.2.1 and 29.6.3                         | Steering gear   |                 |
| Reg. II-1/29.17.2  | Adoption of regulations on rudder actuators for tankers, chemical tankers and gas carriers          |                 |
| Regs. II-1/35-1.3.7.2 and 35-1.3.9                         | Bilge pumping arrangements  |                 |
| Reg. II-1/40.2   | Electrical installations – ensuring uniformity  |                 |
| Reg. II-1/42.1.3   | Emergency source of electrical power in passenger ships   |                 |
| Reg. II-1/43.1.3   | Emergency source of electrical power in cargo ships   |                 |
| Reg. II-1/44.2   | Approval of automatically starting emergency generating sets  |                 |
| Regs. II-1/45.3.3, 45.5.3, 45.5.4, 45.9.3, 45.10 and 45.11 | Precautions against shock, fire and other hazards of electrical origin                              |                 |
| Regs. II-1/46.2 and 46.3                                   | Additional requirements for periodically unattended machinery space                                 |                 |
| Reg. II-1/53.1   | Special requirements for machinery, boiler and electrical installations                             |                 |
| Regs. II-1/55.3, 55.4.1 and 55.6                           | Evaluation of the alternative design and arrangements and re-evaluation due to change of conditions |                 |
| Reg. II-1/55.5   | Alternative design and arrangements – communication to IMO  |                 |
| Reg. II-2/1.2.1  | Approval of fire protection arrangements in existing ships  |                 |
| Regs. II-2/1.6.2.1.2 and 1.6.6                             | Application of requirements for tankers   |                 |
| Reg. II-2/4.2.2.5.1  | Approval of material for oil fuel pipes and their valves and fittings                               |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>        |  |                                  |
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| <b>SOURCE</b>                                 | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>                  |
| Reg. II-2/4.3                                 | Approval of gaseous fuel systems used for domestic purposes  |                                  |
| Reg. II-2/4.5.1.4.4                           | Installation of cargo oil lines where cargo wing tanks are provided                                    |                                  |
| Reg. II-2/4.5.3.3                             | Requirements for safety devices in venting systems   |                                  |
| Reg. II-2/4.5.5.2.1                           | Requirements for inert gas systems on chemical tankers   |                                  |
| Reg. II-2/4.5.6.3                             | Arrangements for inerting, purging or gas-freeing  | see reg. II-2/4.5.5.3.1          |
| Reg. II-2/5.2.2.5                             | Positioning of controls for any required fire-extinguishing system in passenger ships                  | see regs. II-2/8.3.3 and 9.5.2.3 |
| Reg. II-2/5.2.3.1                             | Special consideration to maintaining the fire integrity of periodically unattended machinery spaces    |                                  |
| Reg. II-2/7.3.2                               | Initial and periodic tests   |                                  |
| Reg. II-2/7.6                                 | Protection of cargo spaces in passenger ships  |                                  |
| Reg. II-2/8.3.4                               | Release of smoke from machinery spaces – passenger ships   |                                  |
| Reg. II-2/9.2.2.1.5.1                         | Approval of equivalent means of controlling and limiting a fire on ships designed for special purposes |                                  |
| Reg. II-2/9.2.2.3.1                           | Fire integrity of bulkheads and decks in ships carrying more than 36 passengers                        |                                  |
| Regs. II-2/9.2.2.4.4, 9.2.3.3.4 and 9.2.4.2.4 | Fire integrity of bulkheads and decks  | see reg. II-2/11.2               |
| Reg. II-2/9.3.4                               | Approval of structural fire protection details, taking into account the risk of heat transmission      |                                  |
| Reg. II-2/9.5.2.4                             | Protection of openings in machinery space boundaries   |                                  |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Reg. II-2/10.2.1.2.1.3                 | Provisions for fixed water fire-extinguishing arrangements for periodically unattended machinery spaces                        |                 |
| Reg. II-2/10.2.1.2.2.1                 | Ready availability of water supply   |                 |
| Reg. II-2/10.2.3.1.1                   | Approval of non-perishable material for fire hoses   |                 |
| Reg. II-2/10.2.3.2.1                   | Number and diameter of fire hoses  |                 |
| Reg. II-2/10.3.2.1                     | Arrangement of fire extinguishers  |                 |
| Reg. II-2/10.6.1.1                     | Type approval of automatic sprinkler, fire detection and fire alarm system   |                 |
| Reg. II-2/10.6.3.2                     | Approval of fire-extinguishing arrangement for flammable liquid lockers  |                 |
| Reg. II-2/10.7.1.2                     | Fixed gas fire-extinguishing systems for general cargo   |                 |
| Reg. II-2/10.7.1.4                     | Issue of an Exemption Certificate  |                 |
| Reg. II-2/13.3.1.4                     | Provision of means of escape from, or access to, radiotelegraph stations   |                 |
| Reg. II-2/13.3.2.5.1                   | Lighting or photoluminescent equipment to be evaluated, tested and applied in accordance with the FSS Code                     |                 |
| Reg. II-2/13.3.2.6.2                   | Normally locked doors that form part of an escape route – quick release mechanisms   |                 |
| Reg. II-2/13.5.1                       | Means of escape on passenger ships from special category and open ro-ro spaces to which any passengers carried can have access |                 |
| Regs. II-2/17.4.1 and 17.6             | Evaluation and approval of the engineering analysis for alternative design and arrangements for fire safety                    |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Reg. II-2/17.5                         | Alternative design and arrangements for fire safety – communication of information to IMO                        |                 |
| Reg. II-2/19.4                         | Provision of document of compliance  |                 |
| Reg. II-2/20.4.1                       | Provision and approval of fixed fire detection and fire alarm systems  |                 |
| Reg. II-2/20.6.1.4.2                   | Adverse effect as referred to in the regulation – approval of stability information                              |                 |
| Reg. II-2/21.5.2                       | Alternate space for medical care   |                 |
| Reg. III/4                             | Evaluation, testing and approval of life-saving appliances and arrangements                                      |                 |
| Reg. III/5                             | Production tests for life-saving appliances  |                 |
| Reg. III/20.8.1.2                      | Approval of servicing stations   |                 |
| Reg. III/20.8.5                        | Extension of liferaft service intervals – notifying IMO  |                 |
| Regs. III/20.11.1 and 20.11.2          | Periodic servicing of launching appliances and on-load release gear – thorough examination at the annual surveys |                 |
| Reg. III/26.2.4                        | Approval of liferafts on ro-ro passenger ships   |                 |
| Regs. III/26.3.1 and 26.3.2            | Approval of fast rescue boats and their launching appliances on ro-ro passenger ships                            |                 |
| Reg. III/28                            | Approval of helicopter landing and pick-up areas on ro-ro passenger ships  |                 |
| Regs. III/38.3, 38.4.1 and 38.6        | Evaluation of the alternative design and arrangements and re-evaluation due to change of conditions              |                 |
| Reg. III/38.5                          | Alternative design and arrangements – communication to IMO   |                 |



| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Reg. IV/3.3                            | Exemptions – reporting to IMO  |                 |
| Reg. IV/14.1                           | Type approval of radio equipment   |                 |
| Reg. IV/15.5                           | Ensuring that radio equipment is maintained  |                 |
| Reg. IV/16.1                           | Radio personnel  |                 |
| Reg. IV/17                             | Radio records  |                 |
| Reg. V/3.3                             | Exemptions and equivalents – reporting to IMO  |                 |
| Reg. V/14                              | Ships' manning   |                 |
| Reg. V/16                              | Maintenance of equipment   |                 |
| Reg. V/17                              | Electromagnetic compatibility  |                 |
| Reg. V/18.1                            | Type approval of navigational systems and equipment and voyage data recorder                       |                 |
| Reg. V/18.5                            | Requirement for quality control system at manufacturers  |                 |
| Reg. V/23.3.3.1.3                      | Pilot transfer arrangements  |                 |
| Regs. VI/3.1 and 3.2                   | Provision of equipment for oxygen analysis and gas detection and training of crews in their use    |                 |
| Reg. VI/5.6                            | Approval of Cargo Securing Manual  |                 |
| Reg. VI/6                              | Acceptability for shipment   |                 |
| Reg. VI/9.2                            | Grain loading information  |                 |
| Reg. VII/5                             | Approval of Cargo Securing Manual  |                 |
| Reg. VII/15.2                          | Warships – INF cargo   |                 |
| Reg. VIII/4                            | Approval of design, construction and standards of inspection and assembly of reactor installations |                 |
| Reg. VIII/6                            | Ensuring radiation safety  |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>                                      | <b>COMMENTS</b> |
| Reg. VIII/7(a)                         | Approval of safety assessment                                   |                 |
| Reg. VIII/8                            | Approval of operating manual                                    |                 |
| Reg. VIII/10(f)                        | Issue of certificates   |                 |
| Reg. IX/4.1                            | Issue of Document of Compliance (DOC)                           |                 |
| Reg. IX/4.3                            | Issue of Safety Management Certificate (SMC)                    |                 |
| Reg. IX/6.1                            | Periodic verification of the safety management system           |                 |
| Reg. XI-1/1                            | Authorization of recognized organizations                       |                 |
| Reg. XI-1/2                            | Enhanced surveys  |                 |
| Reg. XI-1/3.5.4                        | Ship identification number – approval of method of marking      |                 |
| Reg. XI-1/3-1.2                        | Registered owner identification number                          |                 |
| Reg. XI-1/5.3                          | Issue of Continuous Synopsis Record (CSR)                       |                 |
| Reg. XI-1/5.4.2                        | Amendments to CSR   |                 |
| Reg. XI-1/5.4.3                        | Authorization and requirement to amend CSR                      |                 |
| Reg. XI-1/5.8                          | Requirement for former flag State to send CSR to new flag State |                 |
| Reg. XI-1/5.9                          | Appending previous CSR to new CSR                               |                 |
| Reg. XI-1/6                            | Investigations of marine casualties and incidents               |                 |
| Reg. XII/8.1                           | Endorsement of booklet required by reg. VI/7.2                  |                 |
| Reg. XII/9.2                           | Approval of bilge well high water level alarms                  |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Reg. XII/11.3                          | Loading instrument – approval of software for stability calculations  |                 |
| <b>MARPOL</b>                          |   |                 |
| Articles. 4(1) and 4(3)                | Violation   |                 |
| Article 6(4)                           | Detection of violations and enforcement of the Convention – investigations  |                 |
| Article 12(1)                          | Casualties to ships – investigations  |                 |
| <b>Annex I</b>                         |   |                 |
| Reg. 2.6.2                             | Application – an oil tanker delivered on or before 1 June 1982 engaged in specific trades: agreement with port States |                 |
| Reg. 3.3                               | Exemptions and waivers – reporting  |                 |
| Reg. 4.3                               | Exceptions – discharge of substances containing oil for the purpose of combating pollution incidents                  |                 |
| Reg. 5.2                               | Equivalentents – reporting  |                 |
| Reg. 6                                 | Surveys   |                 |
| Reg. 7                                 | Issue or endorsement of certificate   |                 |
| Reg. 10.9.3                            | Transfer of flag  |                 |
| Reg. 12A.12                            | Oil fuel tank protection – approval of the design and construction of ships   |                 |
| Reg. 14.3                              | Oil filtering equipment – volume of oil bilge holding tank  |                 |
| Reg. 14.4                              | Oil filtering equipment – ships of less than 400 gross tonnage  |                 |
| Regs. 14.6 and 14.7                    | Oil filtering equipment – approval  |                 |
| Reg. 15.6.2                            | Control of discharge of oil – ships of less than 400 gross tonnage: design approval                                   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Regs. 18.8.2, 18.8.3 and 18.8.4        | Requirements for product carriers of 40,000 tonnes deadweight and above – arrangement and operation, approval of oil content meter, clean ballast tank operational manual |                 |
| Reg. 18.10.1.1                         | Segregated ballast tanks – oil tanker delivered on or before 1 June 1982 having special ballast arrangements: approval  |                 |
| Reg. 18.10.1.2                         | Segregated ballast tanks – oil tanker delivered on or before 1 June 1982 having special ballast arrangements: agreement with port States                                  |                 |
| Reg. 18.10.3                           | Segregated ballast tanks – oil tanker delivered on or before 1 June 1982 having special ballast arrangements: communication to IMO  |                 |
| Reg. 20.8.1                            | Double hull and double bottom requirements for oil tankers delivered before 6 July 1996 – communication to IMO  |                 |
| Reg. 21.8.1                            | Prevention of oil pollution from oil tankers carrying heavy grade oil as cargo – communication to IMO   |                 |
| Reg. 23.3.1                            | Accidental oil outflow performance – calculation of mean oil outflow parameter  |                 |
| Reg. 25.5                              | Hypothetical outflow of oil – information to IMO on accepted arrangements   |                 |
| Reg. 27.3                              | Intact stability – approval of written procedures for liquid transfer operation   |                 |
| Reg. 28.3.4                            | Subdivision and damage stability – sufficient stability during flooding   |                 |
| Reg. 29.2.1                            | Slop tanks – approval   |                 |
| Reg. 30.6.5.2                          | Pumping, piping and discharge arrangement – establishment of requirements   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Reg. 30.7                              | Pumping, piping and discharge arrangement – positive means of loading, transporting or discharging cargo |                 |
| Regs. 31.2 and 31.4                    | Oil discharge monitoring and control system – approval   |                 |
| Reg. 32                                | Oil/water interface detector – approval  |                 |
| Reg. 33.1                              | Crude oil washing requirement – compliance with requirement  |                 |
| Reg. 33.2                              | Crude oil washing requirements – establishment of requirements   |                 |
| Reg. 35.1                              | Crude oil washing operations – Operations and Equipment Manual   |                 |
| Reg. 36.9                              | Oil Record Book Part II – development of Oil Record Book for ships of less than 150 gross tonnage        |                 |
| Reg. 37.1                              | Shipboard oil pollution emergency plan – approval  |                 |
| Reg. 38.9.2                            | Reception facilities within special areas: Antarctic area – sufficient capacity                          |                 |
| Reg. 38.10                             | Reception facilities – notification on alleged inadequacies of port reception facilities                 |                 |
| Reg. 39.2.2                            | Special requirements for fixed or floating platforms – approval of record form                           |                 |
| Reg. 41.1                              | Approval of oil tankers' ship-to-ship (STS) operations plan  |                 |
| <b>Annex II</b>                        |  |                 |
| Reg. 3.1.3                             | Exceptions – approval of discharge of NLS for the purpose of combating pollution incidents               |                 |
| Reg. 4.1.2                             | Exemptions – communication to IMO on relaxations   |                 |
| Reg. 4.3.4                             | Exemptions – communication to IMO  |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Reg. 4.4.5                             | Exemptions – communication to IMO   |                 |
| Reg. 5.1                               | Equivalents – substitution of operational method  |                 |
| Reg. 5.2                               | Equivalents – communication to IMO on alternatives  |                 |
| Regs. 5.3.4 and 5.3.5                  | Equivalents – pumping and piping arrangement, approval of manual                              |                 |
| Reg. 6.3                               | Establishment of tripartite agreements – notifying IMO  |                 |
| Reg. 8                                 | Surveys   |                 |
| Reg. 9                                 | Issue or endorsement of certificates  |                 |
| Reg. 10.7                              | Expiry date of existing certificate   |                 |
| Reg. 10.9.3                            | Transfer of flag  |                 |
| Reg. 11.2                              | Design, construction, equipment and operations – establishment of appropriate measures        |                 |
| Reg. 12.5                              | Pumping, piping, unloading arrangements and slop tanks – approval of pumping performance test |                 |
| Reg. 13.3                              | Control of discharges of residues of NLS – approval of ventilation procedure                  |                 |
| Reg. 13.5                              | Control of discharges of residues of NLS – approval of tank washing procedure                 |                 |
| Reg. 14.1                              | Procedures and arrangements manual – approval   |                 |
| Reg. 17.1                              | Shipboard marine pollution emergency plan for NLS – approval                                  |                 |
| Reg. 18.5                              | Notification of alleged inadequacies of port reception facilities                             |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |  |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>                          |
| <b>Annex IV</b>                        |  |  |
| Reg. 4                                 | Surveys  |  |
| Reg. 5                                 | Issue or endorsement of certificates   |  |
| Reg. 8.8.2                             | Transfer of flag   |  |
| Reg. 9.1                               | Approval of sewage systems   |  |
| Reg. 9.2                               | Approval of sewage systems (passenger ships operating in special areas)                                |  |
| Reg. 11.1.1                            | Approval of rate of discharge  |  |
| Reg. 12.2                              | Notification of alleged inadequacies of port reception facilities                                      |  |
| <b>Annex V</b>                         |  |  |
| Reg. 6.3.2                             | Sufficient capacity for the retention of all garbage on board ships before entering the Antarctic area |  |
| Reg. 8.2                               | Notification of alleged inadequacies of port reception facilities                                      |  |
| <b>Annex VI</b>                        |  |  |
| Regs. 3.2 and 3.3.2                    | Exceptions and exemptions  |  |
| Regs. 4.2 and 4.4                      | Equivalentents and communication to IMO  |  |
| Reg. 5                                 | Surveys and certification  | Addition related to IEEC by MEPC.203(62) |
| Reg. 6                                 | Issue or endorsement of certificates   | Addition related to IEEC by MEPC.203(62) |
| Regs. 9.1 and 9.10                     | Duration and validity of certificates  | Addition related to IEEC by MEPC.203(62) |
| Reg. 9.9.3                             | Transfer of flag   |  |
| Reg. 11.4                              | Detection of violations and enforcement – investigations and communication to the Party and IMO        |  |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                    |
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| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b>    |
| Reg. 12.6                              | Ozone-depleting substances record book – approval of alternative forms of record-keeping  |                    |
| Regs. 13.1.1.2 and 13.1.2.2            | Nitrogen oxides – acceptance of identical replacement and alternative control measures  |                    |
| Reg. 13.2.2                            | Acceptance of installation of Tier-II engine in lieu of Tier-III engine where Tier-III engine cannot be accommodated  |                    |
| Reg. 13.5.2.2                          | Combined nameplate diesel engine – application as referred to in the paragraph  |                    |
| Reg. 13.7.2                            | Approved method not commercially available  |                    |
| Reg. 14.6                              | Sulphur oxides – prescription of logbook  |                    |
| Reg. 15.5                              | Volatile organic compounds – approval of vapour collection systems  |                    |
| Reg. 15.6                              | VOC management plan – approval  |                    |
| Reg. 16.6.1                            | Shipboard incineration – approvals  |                    |
| Reg. 19.6                              | Information regarding decision to allow, suspend, withdraw or decline application of reg. 19.4 on waiving the requirement for compliance with regs. 20 and 21 – communication to the Organization | Refer to Reg. 19.4 |
| Reg. 20.1                              | Verification of the attained EEDI   |                    |
| Reg. 23                                | Cooperation with other parties to promote development and transfer of technology and exchange of information relating to the improvement of energy efficiency of ships                            |                    |
| Appendix IV, para. 1                   | Type approval as referred to in the paragraph   |                    |
| Appendix VI, paras. 1.2, 2.1 and 3.1   | Fuel verification procedure – management and sample delivery  |                    |



| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>   |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>  | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| <p><b>Res. MSC.133(76), as amended</b></p> <p>Para. 3.7</p> <p>Para. 3.9.7</p>   | <p>Technical provisions for means of access for inspections</p> <p>Vertical or spiral ladders – acceptance</p> <p>Other means of access – approval and acceptance</p>   |                 |
| <p><b>RO Code</b></p> <p>Part 1/4.2</p> <p>Part 1/5</p> <p>Part 2/8</p> <p>Part 3/7.1.1</p>  | <p>Delegation of authority</p> <p>Communication to IMO – a list of ROs</p> <p>Authorization of RO</p> <p>Verification that recognized organizations fulfil the requirements of the RO Code as per part 2/2.1</p>  |                 |
| <p><b>ISM Code</b></p> <p>Para. 13.2</p> <p>Para. 13.4</p> <p>Para. 13.5</p> <p>Para. 13.7</p> <p>Para. 13.8</p> <p>Para. 13.9</p> <p>Para. 14.1</p> <p>Para. 14.2</p> <p>Para. 14.4</p> <p>Para. 15.1</p> <p>Para. 16</p> | <p>Issue of DOC</p> <p>Annual verification (DOC)</p> <p>Withdrawal of DOC</p> <p>Issue of SMC</p> <p>Intermediate verification (SMC)</p> <p>Withdrawal of SMC</p> <p>Issue of Interim DOC</p> <p>Issue of Interim SMC</p> <p>Verification required for issue of Interim SMC</p> <p>Verification – acceptance of procedures</p> <p>Forms of certificates</p> |                 |
| <p><b>INF Code</b></p> <p>Para. 1.3.2</p> <p>Para. 2.1</p>   | <p>Issue of certificate</p> <p>Damage stability (INF 1 ship)</p>  |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Para. 3.1                              | Fire safety measures (INF 1 cargo)  |                 |
| Para. 4.1.3                            | Temperature control of cargo spaces (INF 1, 2 and 3 ships)  |                 |
| Para. 6.2                              | Safe stowage and securing – approval of principles  |                 |
| Para. 7.1                              | Electrical power supplies (INF 1 ship)  |                 |
| Chapter 8                              | Radiological protection   |                 |
| Chapter 9                              | Management and training   |                 |
| Para. 10.2                             | Shipboard emergency plan – approval   |                 |
| <b>Noise Code</b>                      |   |                 |
| Para. 1.3.1                            | Application of the Code   |                 |
| Para. 1.3.7                            | Special consideration for ships designed for and employed on voyages of short duration <sup>3</sup> , or on other services involving short periods of operation of the ship |                 |
| Para. 1.3.9                            | Repairs, alterations and modifications of a major character and outfitting of existing ships – determination of application of the Code                                     |                 |
| Para. 2.1.1                            | Acceptance of equivalent standard for sound level meter   |                 |
| Para. 2.1.2                            | Acceptance of equivalent standard for octave filter set   |                 |
| Para. 3.3.9                            | Agreement on a process to simulate the operation of the dynamic positioning (DP) thruster system  |                 |
| Para. 6.2.2                            | Acceptance of laboratory tests of airborne sound insulation properties  |                 |
| Para. 7.4                              | Description of a warning notice comprising symbol and supplementary sign in working language  |                 |

<sup>3</sup> Voyages of short duration: Voyages where the ship is not generally underway for periods long enough for seafarers to require sleep, or long off-duty periods, during the voyages (Noise Code para.1.4.34).

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| <b>FSS Code</b>                        |   |                 |
| Ch. 1, Para. 4                         | Use of toxic extinguishing media  |                 |
| Ch. 4, Para. 2                         | Type approval of fire extinguishers   |                 |
| Ch.4, Para. 3.1.1.2                    | Determining equivalents of fire extinguishers   |                 |
| Ch.4, Para. 3.2.2.2                    | Approval of foam concentrate  |                 |
| Ch.5, Para. 2.1.1.4                    | Containers for the storage of fire-extinguishing medium, etc.   |                 |
| Ch. 5, Para. 2.1.2.1                   | System flow calculations  |                 |
| Ch. 5, Para. 2.1.2.3                   | Spare parts   |                 |
| Ch. 5, Para. 2.3                       | Steam systems   |                 |
| Ch. 5, Para. 2.4                       | Equivalent systems – approval   |                 |
| Ch. 6, Para. 1                         | Specific acceptance of fixed foam fire-extinguishing systems used for cargo pump-rooms of chemical tankers carrying liquid cargoes referred to in regulation II-2/1.6.2 of the Convention |                 |
| Ch. 6, Paras. 3.1.2 and 4.1.1          | Foam concentrates – approval  |                 |
| Ch. 6, Paras. 3.1.3 and 3.4.1          | System test of fixed high-expansion foam fire-extinguishing systems   |                 |
| Ch. 6, Para. 4.2.1                     | Acceptance of means for proving effective distribution of the foam  |                 |
| Ch. 7, Para. 2.1                       | Fixed pressure water-spraying fire-extinguishing systems – approval   |                 |
| Ch. 7, Para. 2.2                       | Equivalent systems – approval   |                 |
| Ch. 7, Paras. 2.3 and 2.4              | Fixed pressure water-spraying fire-extinguishing systems for cabin balconies – approval   |                 |
| Ch. 8, Para. 2.1.2                     | Equivalent sprinkler systems – approval   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Ch. 9, Para. 2.3.1.2                   | Sensitivity limits of smoke detectors in other spaces   |                 |
| Ch. 9, Para. 2.3.1.3                   | Heat detector temperature limits  |                 |
| Ch. 9, Para. 2.3.1.7                   | Fixed fire detection and fire alarm systems for cabin balconies – approval  |                 |
| Ch. 9, Para. 2.4.1.3                   | Limiting the number of enclosed spaces included in each section   |                 |
| Ch. 9, Para. 2.5.2                     | Testing on ships with self-diagnostic system – determination of requirements  |                 |
| Ch. 10, Para. 2.1.2                    | Sequential scanning – overall response time   |                 |
| Ch. 10, Para. 2.2.2                    | Extractor fans – overall response time  |                 |
| Ch. 10, Para. 2.3.1.1                  | Means to isolate smoke accumulators   |                 |
| Ch. 11, Para. 2.1                      | Low-location lighting – approval  |                 |
| Ch. 12, Para. 2.2.2.1                  | Approval of heating arrangement of the diesel engine cooling water or lubricating oil system if the room for the diesel driven power source is not heated |                 |
| Ch. 14, Para. 2.2.1.4                  | Foam concentrate supplied on board for cargoes intended to be carried – approval of additional arrangements if foam is not effective or is incompatible   |                 |
| Ch. 14, Para. 2.2.2.1                  | Medium expansion ratio foam – application rate, etc.  |                 |
| Ch. 15, Para. 2.1.2                    | Inert gas systems – approval  |                 |
| Ch. 15, Para. 2.2.4.6                  | Adequate reserve of water   |                 |
| <b>2010 FTP Code</b>                   |   |                 |
| Para. 4.2                              | Recognition of testing laboratories   |                 |
| Paras. 5.1.1 and 5.1.2                 | Approval of products in accordance with established approval procedures or authorization of competent authorities to issue approvals                      |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>    |  |                 |
|---|--|-----------------|
| <b>SOURCE</b>                             | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Para. 5.2.2                               | Requirement for manufacturers to have a quality control system audited by a competent authority, or, alternatively, use of final product verification procedures as referred to in the paragraph |                 |
| Para. 7.2                                 | Use of equivalents and modern technology – communication of information to the Organization  |                 |
| Annex 1, part 3/3.3                       | Structural core of a material other than steel or aluminium alloy – decision on limits for rise in temperature   |                 |
| Annex 1, part 3 appendix 1, para. 2.3.2.9 | Insulation system of "A" class door – approval to the same standard as that which the door is intended to achieve  |                 |
| <b>LSA Code</b>                           |  |                 |
| Para. 1.2.3                               | Determine the period of acceptability of LSAs subject to deterioration with age  |                 |
| Para. 4.4.1.2                             | Endorsement of lifeboat affixed approval plate   |                 |
| Para. 4.5.4                               | Fixed two-way VHF radiotelephone apparatus – sheltered space   |                 |
| Para. 5.1.1.4                             | Rescue boats – combination of rigid and inflatable construction  |                 |
| Para. 5.1.3.8                             | Rubbing strips on inflated rescue boats  |                 |
| Paras. 6.1.2.9 and 6.1.2.10               | Lowering speed of a fully equipped liferaft  |                 |
| Para. 6.2.1.2                             | MES – strength and construction of passage and platform  |                 |
| Para. 7.2.2.1                             | Broadcast of messages from other places on board   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| <b>1994 HSC Code</b>                   |  |                 |
| Para. 1.3.5                            | Verification   |                 |
| Para. 1.4.29                           | Determination of "maximum operational weight"                          |                 |
| Para. 1.5.1.2                          | Specifying intervals for renewal surveys                               |                 |
| Para. 1.5.4                            | Inspection and survey  |                 |
| Para. 1.5.5                            | Recognized organizations and nominated surveyors                       |                 |
| Para. 1.5.7                            | Completeness of survey and inspection                                  |                 |
| Para. 1.8.1                            | Issue/endorsement of certificate                                       |                 |
| Para. 1.9.2                            | Issue of permit to operate   |                 |
| Para. 1.11.2                           | Equivalentents – reporting   |                 |
| Para. 1.12.1                           | Adequate information and guidance provided to the craft by the company |                 |
| Paras. 1.13.2 and 1.13.3               | Novel designs  |                 |
| Para. 1.14.1                           | Investigation reports to IMO   |                 |
| Paras. 2.7.4 and 2.14.2                | Inclining and stability information – approval                         |                 |
| Para. 3.4                              | Determination of service life  |                 |
| Para. 3.5                              | Design criteria  |                 |
| Para. 4.8.3                            | Documentation and verification of evacuation time                      |                 |
| Para. 7.5.6.3                          | Safe outlets for exhaust fans in fuel tank spaces                      |                 |
| Para. 7.7.2.3.2                        | Sensitivity limits of smoke detectors                                  |                 |
| Para. 7.7.6.1.5                        | Additional quantity of fire-extinguishing medium                       |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Para. 7.7.6.1.12                       | Containers for the storage of fire-extinguishing medium, etc. – design |                 |
| Para. 7.7.8.5                          | Maximum length of fire hoses   |                 |
| Para. 8.1                              | Approval and acceptance of LSA and arrangements                        |                 |
| Para. 8.9.1.2                          | Approval of novel life-saving appliances or arrangements               |                 |
| Para. 8.9.1.3                          | Notifying the Organization   |                 |
| Para. 8.9.7.1.2                        | Approval of servicing stations   |                 |
| Para. 8.9.7.2                          | Deployment intervals of MES  |                 |
| Para. 8.9.11                           | Novel life-saving appliances or arrangements                           |                 |
| Para. 8.9.12                           | Notifying the Organization   |                 |
| Para. 10.2.4.9                         | Flexible oil fuel pipes  |                 |
| Para. 10.3.7                           | Internal diameters of suction branches                                 |                 |
| Para. 12.6.2                           | Specified voltages to earth  |                 |
| Para. 13.1.2                           | Navigational equipment and its installation                            |                 |
| Para. 13.13                            | Approval of systems, equipment and performance standards               |                 |
| Para. 14.3.3                           | Exemptions – reporting   |                 |
| Para. 14.13.1                          | Type approval  |                 |
| Para. 14.14.5                          | Ensuring maintenance   |                 |
| Para. 14.15                            | Radio personnel  |                 |
| Para. 14.16                            | Radio records  |                 |
| Para. 15.3.1                           | Operating station – field of vision                                    |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Para. 15.7.2                           | Ensuring clear view through windows  |                 |
| Para. 17.8                             | Acceleration and deceleration  |                 |
| Para. 18.1.4                           | Determining maximum allowable distance from a base port or place of refuge |                 |
| Para. 18.2                             | Craft documentation  |                 |
| Paras. 18.3.1 to 18.3.7                | Training and qualifications  |                 |
| Chapter 19                             | Inspection and maintenance requirements                                    |                 |
| <b>2000 HSC Code</b>                   |  |                 |
| Para. 1.3.7                            | Verification   |                 |
| Para. 1.4.37                           | Determination of "maximum operational weight"                              |                 |
| Para. 1.5.1.2                          | Specifying intervals for renewal surveys                                   |                 |
| Para. 1.5.4                            | Inspection and survey  |                 |
| Para. 1.5.5                            | Recognized organizations and nominated surveyors                           |                 |
| Para. 1.5.7                            | Completeness of survey and inspection                                      |                 |
| Para. 1.7.3                            | Investigation to determine the need of survey                              |                 |
| Para. 1.8.1                            | Issue/endorsement of certificate   |                 |
| Para. 1.9.1.1.4                        | Transit voyage – arrangements satisfactory                                 |                 |
| Para. 1.9.2                            | Issue of permit to operate   |                 |
| Para. 1.9.7                            | Worst intended conditions and operational limitations                      |                 |
| Para. 1.11.2                           | Equivalents – reporting  |                 |



| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Para. 1.12.1                           | Adequate information and guidance provided to the craft by the company |                 |
| Paras. 1.13.2 and 1.13.3               | Novel designs  |                 |
| Para. 1.14.1                           | Investigation reports to IMO   |                 |
| Para. 2.9.3                            | Verification of load line marks  |                 |
| Paras. 2.7.5 and 2.14.2                | Inclining and stability information – approval                         |                 |
| Para. 3.4                              | Determination of service life  |                 |
| Para. 3.5                              | Design criteria  |                 |
| Para. 4.2.2                            | Approval of public address system                                      |                 |
| Para. 4.8.3                            | Documentation and verification of evacuation time                      |                 |
| Para. 4.8.10                           | Evacuation demonstration   |                 |
| Para. 7.3.3                            | Approval of structural fire protection details                         |                 |
| Para. 7.5.6.3                          | Safe outlets for exhaust fans in fuel tank spaces                      |                 |
| Para. 7.7.1.1.8                        | Limitation of number of enclosed spaces in each section                |                 |
| Para. 7.7.1.3.2                        | Sensitivity limits of smoke detectors                                  |                 |
| Para. 7.7.3.3.6                        | Additional quantity of fire-extinguishing medium                       |                 |
| Para. 7.17.1                           | Reduced requirements for cargo craft of less than 500 GT               |                 |
| Para. 7.17.3.1.5                       | Water spray system – approval  |                 |
| Para. 7.17.3.3                         | Smoke detection systems – equivalent protection                        |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Para. 7.17.4                           | Issue of Document of Compliance for craft carrying dangerous goods                            |                 |
| Para. 8.1                              | Approval and acceptance of LSA and arrangements   |                 |
| Para. 8.9.7.1.2                        | Approval of servicing stations  |                 |
| Para. 8.9.8                            | Rotational deployment of marine evacuation systems  |                 |
| Para. 8.9.11                           | Extension of liferaft service intervals – notification  |                 |
| Para. 8.11                             | Helicopter pick-up areas – approval   |                 |
| Para. 10.2.4.9                         | Flexible oil fuel pipes   |                 |
| Para. 10.3.7                           | Internal diameters of suction branches  |                 |
| Para. 12.6.2                           | Specified voltages to earth   |                 |
| Para. 13.1.2                           | Shipborne navigational systems and equipment and voyage data recorders and their installation |                 |
| Para. 13.17                            | Type approval   |                 |
| Para. 14.3.3                           | Exemptions – reporting  |                 |
| Para. 14.4.2                           | GMDSS Identities – suitable arrangements  |                 |
| Para. 14.14.1                          | Type approval   |                 |
| Para. 14.15.5                          | Ensuring maintenance  |                 |
| Para. 14.16                            | Radio personnel   |                 |
| Para. 14.17                            | Radio records   |                 |
| Para. 15.3.1                           | Operating station – field of vision   |                 |
| Para. 15.7.2                           | Ensuring clear view through windows   |                 |
| Para. 17.8                             | Acceleration and deceleration   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>                    |  |                 |
|---|--|-----------------|
| <b>SOURCE</b>   | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Para. 18.1.4  | Determining maximum allowable distance from a base port or place of refuge |                 |
| Para. 18.2  | Craft documentation  |                 |
| Paras. 18.3.1 to 18.3.7                                   | Training and qualifications  |                 |
| Chapter 19  | Inspection and maintenance requirements                                    |                 |
| <b>2011 ESP Code</b>                                      |  |                 |
| <b>Annex A, part A<br/>Single-side skin bulk carriers</b> |  |                 |
| Para. 3.3.4   | Supervision on repair of cargo hatch securing system                       |                 |
| Para. 5.1.1   | Cooperation on development of a specific survey programme                  |                 |
| Para. 5.1.4   | Advice on the maximum acceptable structural diminution levels              |                 |
| Para. 5.2.2   | Agreement on provisions for proper and safe access                         |                 |
| Para. 8.1.2   | Evaluation of survey report  |                 |
| Para. 8.2.3   | Endorsement on condition evaluation report                                 |                 |
| Annex 4B, para 1  | Cooperation on development of a survey programme                           |                 |
| Annex 5, para 3.1   | Certification of a company engaged in thickness measurement                |                 |
| Annex 13, para 3  | Approval of materials and welding  |                 |
| <b>Annex A, part B<br/>Double-side skin bulk carriers</b> |  |                 |
| Para. 3.3.4   | Supervision on repair of cargo hatch securing System                       |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>             |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                                      | <b>SUMMARY DESCRIPTION</b>                                    | <b>COMMENTS</b> |
| Para. 5.1.1  | Cooperation on development of a specific survey programme     |                 |
| Para. 5.1.4  | Advice on the maximum acceptable structural diminution levels |                 |
| Para. 5.2.2  | Agreement on provisions for proper and safe access            |                 |
| Para. 8.1.2  | Evaluation of survey report                                   |                 |
| Para. 8.2.3  | Endorsement on condition evaluation report                    |                 |
| Annex 4B, para. 1                                  | Cooperation on development of a survey programme              |                 |
| Annex 5, para. 3.1                                 | Certification of a company engaged in thickness measurement   |                 |
| Annex 11, para. 3                                  | Approval of materials and welding                             |                 |
| <b>Annex B, part A<br/>Double hull oil tankers</b> |   |                 |
| Para. 5.1.1  | Cooperation on development of a specific survey programme     |                 |
| Para. 5.1.4  | Advice on the maximum acceptable structural diminution levels |                 |
| Para. 5.2.1.1                                      | Agreement on provisions for proper and safe access            |                 |
| Para. 8.1.3  | Evaluation of survey report                                   |                 |
| Para. 8.2.3  | Endorsement on condition evaluation report                    |                 |
| Annex 6B   | Cooperation on development of a survey programme              |                 |
| Annex 7, para. 3.1                                 | Certification of a company engaged in thickness measurement   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>  |  |                 |
|---|--|-----------------|
| <b>SOURCE</b>   | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| <b>Annex B, part B<br/>Oil tankers other<br/>than double hull oil<br/>tankers</b> |  |                 |
| Para. 5.1.1   | Cooperation on development of a specific survey programme  |                 |
| Para. 5.1.4   | Advice on the maximum acceptable structural diminution levels  |                 |
| Para. 5.2.1.1   | Agreement on provisions for proper and safe access   |                 |
| Para. 8.1.3   | Evaluation of survey report  |                 |
| Para. 8.2.3   | Endorsement on condition evaluation report   |                 |
| Annex 6B  | Cooperation on development of a survey programme   |                 |
| Annex 7, para. 3.1  | Certification of a company engaged in thickness measurement  |                 |
| <b>Res. 4 of the 1997<br/>SOLAS Conference</b>                                    |  |                 |
| Section 5   | Dimension and selection of weld connections and materials  |                 |
| <b>Res. MSC.168(79)</b>   | Standards and criteria for side structures of bulk carriers of single-side skin construction   |                 |
| Para. 2.1   | Applicable national standards  |                 |
| Para. 4.4   | Applicable national standards  |                 |
| Para. 4.5   | Applicable national standards  |                 |
| <b>NO<sub>x</sub> Technical Code<br/>2008</b>                                     |  |                 |
| Chapter 1   | Assumption of full responsibility for the approval of documentation as required by the Code together with the acceptance of procedures and alternatives as permitted by the Code |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Chapter 2                              | Issue of the Engine International Air Pollution Prevention Certificate, arrangements for the parent engine test and pre-certification of engines, usage of the engine family/engine group concepts and approval of the technical file and any subsequent amendments  |                 |
| Chapter 2, para. 2.2.5.1               | Approval and pre-certification in the case referred to in the paragraph  |                 |
| Chapter 3                              | Acceptance of modification of engine speed at E2 test cycle 25% power mode point   |                 |
| Chapter 4                              | Assignment of engine family/engine group status, as applicable, and selection of associated parent engine; acceptance of conformity of production arrangements; adjustment of parent engine relative to engine group reference values  |                 |
| Chapter 5                              | Ensuring that the parent engine test and subsequent calculations are undertaken in accordance with Code requirements and that, where alternatives are applied, these meet the Code's equivalency requirements and any deviations are within the permitted margins; filing of parent engine test report   |                 |
| Chapter 6                              | Onboard NO <sub>x</sub> verification procedures are in accordance with the provisions of the Code and are adequate to provide verification that an engine, as so surveyed, will be in accordance with the applicable Annex VI requirements; acceptance of aspects within onboard NO <sub>x</sub> verification procedure – simplified measurement method if applicable; approval of aspects within onboard NO <sub>x</sub> verification procedure – direct measurement and monitoring method including the onboard monitoring manual, if applicable |                 |
| Chapter 7                              | Installation of approved method – amendment of IAPP Certificate  |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Appendix IV                            | Verification that the calibration of all necessary measurement equipment meets Code requirements      |                 |
| Appendix VII                           | Aspects to be included within onboard NO <sub>x</sub> verification procedure – parameter check method |                 |
| Appendix VIII                          | Approval of alternative exhaust gas measurement principles  |                 |
| <b>IBC CODE</b>                        |   |                 |
| Para. 1.1.6                            | Prescribe preliminary suitable conditions for carriage of products not listed in chapter 17 or 18     |                 |
| Para. 1.4.2                            | Equivalents – communication to IMO  |                 |
| Section 1.5                            | Survey and certification  |                 |
| Para. 2.2.2                            | Intact stability in all seagoing conditions   |                 |
| Para. 2.2.3                            | Free surface effect in undamaged compartments   |                 |
| Section 2.4                            | Conditions of loading   |                 |
| Para. 2.8.1.6                          | Standard of damage  |                 |
| Para. 2.8.2                            | Standard of damage – alternative measures   |                 |
| Para. 2.9.2.3                          | Residual stability during intermediate stages of flooding   |                 |
| Para. 3.4.4                            | Access to spaces in the cargo area  |                 |
| Para. 3.7.3.5                          | Alternative arrangements for draining the piping  |                 |
| Para. 3.7.4                            | Relaxation for small ships  |                 |
| Para. 5.1.6.4                          | Dimensions for flanges not complying with the standards   |                 |
| Para. 5.2.2                            | Piping fabrication and joining details  |                 |
| Para. 7.1.1                            | Cargo temperature control – general   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Para. 8.3.6                            | Devices to prevent the passage of flames into cargo tanks – requirements for the design, testing and locating |                 |
| Para. 10.1.3                           | Electrical installations – appropriate steps for uniform implementation                                       |                 |
| Para. 10.1.4                           | Electric equipment, cables and wiring that do not conform to the standard                                     |                 |
| Para. 10.1.5                           | Electrical equipment in hazardous locations   |                 |
| Para. 11.2.2                           | Approval of an appropriate fire-extinguishing system  |                 |
| Para. 11.3.2                           | Cargo area – additional arrangements  |                 |
| Para. 11.3.5.3                         | Cargo area – minimum capacity of monitor  |                 |
| Para. 11.3.7                           | Minimum capacity of foam monitor for ships less than 4,000 tonnes deadweight                                  |                 |
| Para. 11.3.13                          | Alternative provisions to deck foam system  |                 |
| Para. 13.2.3                           | Exemption of toxic-vapour-detection equipment   |                 |
| Para. 14.1.2                           | Protective equipment  |                 |
| Chapter 15                             | Approval of special requirements for specific chemicals   |                 |
| Para. 16.2.2                           | Cargo information – independent expert  |                 |
| Para. 16.5.1                           | Stowage of cargo samples – approval   |                 |
| Para. 18.2                             | Safety requirements – list of products to which the Code does not apply                                       |                 |



| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| <b>BCH CODE</b>                        |   |                 |
| Para. 1.5.2                            | Equivalents – communication to IMO  |                 |
| Section 1.6                            | Survey requirements   |                 |
| Section 1.8                            | New products – establishing suitable conditions – notifying IMO   |                 |
| Para. 2.2.4                            | Determination of the ability to survive flooding of the machinery space in Type 3 below 125 m in length |                 |
| Para. 2.2.5                            | Nature of alternative measures prescribed for small ships – duly noted on certificate                   |                 |
| Para. 2.9.5                            | Access to void spaces, cargo tanks, etc. – approval of smaller dimensions in special circumstances      |                 |
| Section 2.10                           | Cargo piping systems – setting standards  |                 |
| Section 2.12                           | Cargo hoses – setting standards   |                 |
| Para. 2.14.2                           | High-velocity vent valves – type approval   |                 |
| Para. 2.15.1                           | Cargo heating and cooling systems   |                 |
| Para. 3.1.2(f)                         | Ventilation fans – approval   |                 |
| Para. 3.14.1                           | Alternative provisions for ships dedicated to the carriage of specific cargoes                          |                 |
| Para. 3.14.2                           | Additional arrangements when foam is not effective or is incompatible                                   |                 |
| Para. 3.14.7                           | Foam monitors on ships of less than 4,000 tonnes deadweight – minimum capacity                          |                 |
| Para. 3.15.2                           | Protection of cargo pump-rooms with fire-extinguishing systems – approval                               |                 |
| Para. 3.15.5                           | Products evolving flammable vapours – fire-extinguishing systems – approval                             |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>    |   |                 |
|---|---|-----------------|
| <b>SOURCE</b>                             | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Chapter IV                                | Approval of special requirements for specific chemicals                       |                 |
| <b>IGC CODE</b>                           |   |                 |
| Para. 1.1.6                               | Establishment of preliminary suitable conditions of carriage and notification |                 |
| Para. 1.4.2                               | Equivalents – reporting   |                 |
| Section 1.5                               | Surveys and certification   |                 |
| Para. 2.2.2                               | Stability standard – acceptance   |                 |
| Para. 2.2.3                               | Method to calculate free surface effect – acceptance                          |                 |
| Para. 2.3.3                               | Automatic non-return valves – acceptance                                      |                 |
| Section 2.4                               | Damage survival capability investigation                                      |                 |
| Para. 2.8.2                               | Alternative measures – approval   |                 |
| Para. 2.9.1.3                             | Residual stability during intermediate stages of flooding                     |                 |
| Para. 3.5.3.2                             | Decreased clear opening in the cargo area                                     |                 |
| Section 3.8                               | Bow or stern loading and unloading arrangements – approval                    |                 |
| Para. 4.2.7                               | Design temperature  |                 |
| Paras. 4.4.2.5 and 4.4.4.1                | Structural analysis of the hull   |                 |
| Paras. 4.4.6.1.1, 4.4.6.2.1 and 4.4.6.3.2 | Setting standards   |                 |
| Para. 4.4.7.2.1                           | Three-dimensional structural analysis   |                 |
| Para. 4.4.7.3                             | Analysis  |                 |
| Para. 4.5.1.11                            | Allowable stresses – approval   |                 |
| Para. 4.7.3                               | Secondary barriers for non-basic tank types                                   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>                              | <b>COMMENTS</b> |
| Para. 4.7.7                            | Checking method – approval                              |                 |
| Para. 4.8.4.4                          | Design and construction of the heating system           |                 |
| Para. 4.9.8                            | Insulation materials                                    |                 |
| Para. 4.10.1.2.2                       | Bevel preparation, etc. – acceptance and approval       |                 |
| Para. 4.10.2                           | Workmanship   |                 |
| Para. 4.10.5.2                         | Quality control specifications                          |                 |
| Para. 4.10.6                           | Integral tank-testing                                   |                 |
| Para. 4.10.8.3                         | Tightness test  |                 |
| Para. 4.10.9                           | Type C independent tanks – inspection and NDT           |                 |
| Para. 4.10.10.3.7                      | Consideration of pneumatic testing                      |                 |
| Para. 4.11.1                           | Soaking temperature and holding times                   |                 |
| Para. 4.11.2                           | Alternative to heat treatment – approval                |                 |
| Paras. 5.2.4.4 and 5.2.4.5             | Flanges, valves and other fittings                      |                 |
| Para. 5.4.2.2                          | Dimensions  |                 |
| Para. 5.4.2.3                          | Screwed couplings – acceptance                          |                 |
| Para. 5.5.2                            | Cargo and process piping – alternative testing approval |                 |
| Para. 6.1.5                            | Tensile strength, yield stress and elongation           |                 |
| Para. 6.3.7.4                          | Schedule for inspection and NDT                         |                 |
| Section 7.1                            | Cargo pressure/temperature control                      |                 |
| Paras. 8.2.2, 8.2.5 and 8.2.7          | Pressure relief devices                                 |                 |
| Para. 9.5.2                            | A means of preventing the backflow of cargo             |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Para. 10.1.5                           | Electrical equipment installation  |                 |
| Para. 11.4.1                           | Dry chemical powder fire-extinguishing system  |                 |
| Para. 11.5.2                           | Approval of appropriate fire-extinguishing system for cargo compressor and pump-rooms  |                 |
| Para. 13.5.4                           | Number and position of temperature indicating devices  |                 |
| Para. 13.6.1                           | Gas detector equipment   |                 |
| Para. 13.6.13                          | Portable gas detection equipment   |                 |
| Para. 14.4.5                           | Provision of space to protect personnel  |                 |
| Section 15.2                           | Maximum allowable loading limits – approval of list  |                 |
| Para. 16.5.2                           | Forced draught system for boilers  |                 |
| Para. 16.5.6                           | Purging of combustion chambers of boilers  |                 |
| Para. 17.14.2.1                        | Non-acceptance of cargo discharge compressors on board   |                 |
| Para. 17.20.3.1                        | Valves, flanges, fittings and accessory equipment material – acceptance  |                 |
| Para. 17.20.13.2                       | Cargo handling plans – approval  |                 |
| Para. 17.20.14                         | Maximum allowable tank filling limits – approval of list   |                 |
| <b>STCW Code, part A</b>               |  |                 |
| Section A-I/10.2                       | Withdrawal of endorsement of recognition – communication to the Party that issued the certificate                                    |                 |
| Section A-II/4.4                       | Determining the requirements of training, assessment and certification where there are no tables of competence for the support level |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Section A-III/4.4                      | Determining the requirements of training, assessment and certification where there are no tables of competence for the support level   |                 |
| Section A-VIII/1.1                     | Fitness of duty – consideration of the danger posed by fatigue of seafarers  |                 |
| Section A-VIII/1.5                     | Requirement for watch schedules to be posted in a standardized form  |                 |
| Section A-VIII/1.7                     | Requirement for maintaining records of daily hours of rest of seafarers  |                 |
| Section A-VIII/1.10                    | Establishment of a limit of alcohol concentration for personnel performing designated duties   |                 |
| Section A-VIII/2.84                    | Principles to be observed in keeping radio watch – directing the attention of companies, masters and radio watchkeeping personnel to comply with provisions of part 4-3 to ensure that an adequate safety radio watch is maintained while the ship is at sea |                 |
| <b>Res. MEPC.94(46), as amended</b>    | Condition assessment scheme  |                 |
| Para. 4.1                              | Issue of instructions to the recognized organization (RO) for Condition Assessment Scheme (CAS) survey   |                 |
| Para. 4.3                              | Requirement for oil tankers to remain out of service until Statement of Compliance is issued   |                 |
| Para. 7.1.3                            | CAS surveyors' requirements  |                 |
| Para. 11                               | Verification of CAS  |                 |
| Para. 12                               | Reassessment of ships that have failed   |                 |
| Para. 13                               | Issue, suspension or withdrawal of Statement of Compliance   |                 |
| Para. 14                               | Communication to IMO   |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| <b>Res. MSC.215(82)</b>                | Performance standard for protective coatings for dedicated seawater ballast tanks in all types of ships and double-side skin spaces of bulk carriers |                 |
| Para. 3.2                              | Inspection of surface preparation and coating processes  |                 |
| Para. 3.4.1                            | Coating technical file   |                 |
| Para. 4.4.3                            | Technical Data Sheet and Statement of Compliance or Type Approval Certificate – verification   |                 |
| Section 5                              | Coating system approval  |                 |
| Para. 6.1.1                            | Verification of equivalent qualification of coating inspector  |                 |
| Section 7                              | Verification requirements  |                 |
| <b>Res. MSC.288(87)</b>                | Performance standard for protective coatings for cargo oil tanks of crude oil tankers  |                 |
| Para. 3.2                              | Inspection of surface preparation and coating processes – review   |                 |
| Para. 4.6.3                            | Verification of the Technical Data Sheet and Statement of Compliance or Type Approval Certificate for the protective coating system                  |                 |
| Para. 6.1.1                            | Equivalent to NACE Coating Inspector Level 2 and FROSIO Inspector Level III – verification   |                 |
| Para. 7                                | Coating verification requirement as referred to in paragraph 7   |                 |
| <b>Res. MSC.289(87)</b>                | Performance standard for alternative means of corrosion protection for cargo oil tanks of crude oil tankers  |                 |
| Para. 2.2                              | Verification of Technical File   |                 |
| Para. 4.2                              | Issuance of Type Approval Certificate for corrosion-resistant steel  |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>   |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>  | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Para. 5  | Survey(s) during the construction process to verify that approved corrosion-resistant steel has been applied to the area required   |                 |
| <b>Casualty Investigation Code</b><br>Para. 1.3<br>Para. 6.2   | Qualified person(s) for investigation<br>Investigation into a very serious marine casualty  |                 |
| <b>IS Code, 2008</b><br>Part A, Section 1.2<br>Part A, Para. 2.1.3<br>Part A, Section 2.3<br>Part A, Chapter 3   | International Code on Intact Stability, 2008<br>Criteria demonstrating sufficient ship stability in critical stability situation in waves<br>Stability criteria where anti-rolling devices are installed<br>Severe wind and stability criterion<br>Special criteria for certain types of ships        |                 |
| <b>IMSBC Code</b><br>Section 1.3<br>Section 1.5<br>Para. 7.3.2.2<br>Para. 7.3.2.3                                | International Maritime Solid Bulk Cargoes Code<br>Conditions for the carriage of cargoes not listed in the Code<br>Exemptions<br>Approval of specially constructed cargo ships<br>Approval of plan of special arrangements and details of the stability conditions on which the design has been based |                 |
| Appendix 1, Schedule for Aluminium Ferrosilicon Powder, UN 1395, and Aluminium Silicon Powder, Uncoated, UN 1398 | Inspection and approval of gastight bulkheads between cargo spaces and engine-room  |                 |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>                           |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>  | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Appendix 1, Schedule for Ferrosilicon, UN 1408, and Ferrosilicon | Inspection and approval of gastight bulkheads between cargo spaces and engine-room and approval of safety of bilge pumping arrangement |                 |



Annex 3

**SPECIFIC COASTAL STATE OBLIGATIONS**

The following table contains a non-exhaustive list of obligations, including those obligations imposed when a right is exercised.

| <b>SPECIFIC COASTAL STATE OBLIGATIONS</b> |  |                 |
|---|--|-----------------|
| <b>SOURCE</b>                             | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| <b>SOLAS 1974</b>                         |  |                 |
| Reg. V/4                                  | Navigation warnings  |                 |
| Reg. V/7.1                                | Search and rescue services – necessary arrangements  |                 |
| Reg. V/7.2                                | Search and rescue services – information to IMO  |                 |
| Reg. V/8                                  | Life-saving signals  |                 |
| Reg. V/9                                  | Hydrographic services  |                 |
| Regs. VII/6.1 and 7-4.1                   | Reporting of incidents involving dangerous goods   |                 |
| <b>MARPOL</b>                             |  |                 |
| <b>Annex I</b>                            |  |                 |
| Reg. 4.3                                  | Exceptions – discharge of substances containing oil for the purpose of combating pollution incidents |                 |
| <b>Annex II</b>                           |  |                 |
| Reg. 3.1.3                                | Exceptions – approval of discharge of NLS for the purpose of combating pollution incidents           |                 |
| Reg. 13.2.3                               | Control of discharges of residues of NLS – agreement and communication to IMO                        |                 |

Annex 4

**SPECIFIC PORT STATE OBLIGATIONS**

The following table contains a non-exhaustive list of obligations, including those obligations imposed when a right is exercised.

| <b>SPECIFIC PORT STATE OBLIGATIONS</b> |  |                         |
|--|--|-------------------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>         |
| <b>TONNAGE 1969</b>                    |  |                         |
| Article 12                             | Inspection   |                         |
| <b>LL 1966 AND LL PROT 1988</b>        |  |                         |
| Article 21                             | Control  | amended by LL PROT 1988 |
| <b>STCW 1978</b>                       |  |                         |
| Article X                              | Control  |                         |
| Reg. I/4                               | Control procedures   |                         |
| <b>SOLAS 1974</b>                      |  |                         |
| Reg. I/6(c)                            | Ships not allowed to sail  |                         |
| Reg. I/19                              | Control  |                         |
| Reg. VII/7-2.2                         | Documents relating to carriage of dangerous goods in solid form            |                         |
| Reg. VIII/11                           | Special control for nuclear ships  |                         |
| Reg. XI-1/4                            | Port State control on operational requirements                             |                         |
| <b>MARPOL</b>                          |  |                         |
| Article 5(2)                           | Certificates and special rules on inspection of ships – port State control |                         |
| Article 5(3)                           | Certificates and special rules on inspection of ships – denial of entry    |                         |
| Article 6(2)                           | Detection of violations and enforcement of the Convention – inspection     |                         |

| <b>SPECIFIC PORT STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Article 6(5)                           | Detection of violations and enforcement of the Convention – inspection upon request – reporting  |                 |
| <b>Annex I</b>                         |  |                 |
| Reg. 2.6.2                             | Application – an oil tanker delivered on or before 1 June 1982 engaged in specific trades: agreement with flag States                    |                 |
| Reg. 2.6.3                             | Application – an oil tanker delivered on or before 1 June 1982, engaged in specific trades: approval by port States                      |                 |
| Reg. 11                                | Port State control on operational requirements   |                 |
| Reg. 17.7                              | Oil Record Book, Part I – inspection without undue delay   |                 |
| Reg. 18.10.1.2                         | Segregated ballast tanks – oil tanker delivered on or before 1 June 1982 having special ballast arrangements: agreement with flag States |                 |
| Reg. 20.8.2                            | Denial of entry – communication to IMO   |                 |
| Reg. 21.8.2                            | Denial of entry – communication to IMO   |                 |
| Reg. 36.8                              | Oil Record Book, Part II – inspection without undue delay  |                 |
| Regs. 38.1, 38.2, 38.3 and 38.4        | Reception facilities outside special areas   |                 |
| Regs. 38.5, 38.6 and 38.7              | Reception facilities within special areas  |                 |
| Reg. 38.9.1                            | Reception facilities within special areas: "Antarctic area"  |                 |
| <b>Annex II</b>                        |  |                 |
| Reg. 4.3.3                             | Exemptions – approval of adequacy of reception facilities  |                 |
| Reg. 13.6.1                            | Control of discharges of residues – endorsement of cargo record book   |                 |
| Reg. 15.6                              | Cargo record book – inspection without undue delay   |                 |

| <b>SPECIFIC PORT STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| Reg. 16.1                              | Measures of control  |                 |
| Regs. 16.6 and 16.7                    | Measures of control – exemption granted (endorsement of cargo record book)   |                 |
| Reg. 16.9                              | Port State control on operational requirement  |                 |
| Regs. 18.1 and 18.2                    | Reception facilities and cargo unloading terminal arrangements   |                 |
| Reg. 18.4                              | Cargo unloading terminal arrangements  |                 |
| <b>Annex III</b>                       |  |                 |
| Reg. 8                                 | Port State control on operational requirements   |                 |
| <b>Annex IV</b>                        |  |                 |
| Reg. 12.1                              | Provision of reception facilities  |                 |
| Reg. 13.1                              | Provision of reception facilities for passenger ships in special areas   |                 |
| Reg. 13.2                              | Measures taken regarding reception facilities for passenger ships in special areas – notifying the Organization          |                 |
| Reg. 14                                | Port State control on operational requirements   |                 |
| <b>Annex V</b>                         |  |                 |
| Reg. 6.3.1                             | Provision of reception facilities – all garbage from all ships departing en route to or arriving from the Antarctic area |                 |
| Reg. 8.1                               | Reception facilities   |                 |
| Reg. 8.2.2                             | Reception facilities within special areas  |                 |
| Reg. 8.4                               | Measures taken regarding provision of reception facilities – notifying the Organization                                  |                 |
| Reg. 9                                 | Port State control on operational requirements   |                 |
| Reg.10.5                               | Inspection of Garbage Record Book or ship's official log-book  |                 |

| <b>SPECIFIC PORT STATE OBLIGATIONS</b> |  |                 |
|--|--|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b> |
| <b>Annex VI</b>                        |  |                 |
| Reg. 5.3.3                             | Necessary assistance to the surveyor as referred to in the paragraph   |                 |
| Reg. 10                                | Port State control on operational requirements – in relation to chapter 4 of Annex VI, limiting of inspection to verification that there is a valid International Energy Efficiency Certificate on board |                 |
| Regs. 15.2 and 15.3                    | Volatile organic compounds – approvals of vapour emission control systems and notifying IMO  |                 |
| Reg. 17.2                              | Reception facilities as referred to in the paragraph – communication to IMO  |                 |
| Reg. 18.10                             | Fuel oil quality – communication to Party or non-Parties and remedial action   |                 |
| <b>IBC Code</b>                        |  |                 |
| Para. 15.8.25.3                        | Certification verifying that the required piping separation has been achieved  |                 |
| <b>1994 HSC Code</b>                   |  |                 |
| Para. 1.3.5                            | Acceptance of the Code   |                 |
| Para. 1.5.6                            | Providing assistance to surveyors  |                 |
| Para. 1.6                              | Design approval  |                 |
| Para. 1.9.3                            | Operational conditions – Permit to Operate   |                 |
| Para. 1.9.4                            | Port State control   |                 |
| Para. 18.3.8                           | Training and qualifications  |                 |
| <b>2000 HSC Code</b>                   |  |                 |
| Para. 1.3.7                            | Acceptance of the Code   |                 |
| Para. 1.5.6                            | Providing assistance to surveyors  |                 |
| Section 1.6                            | Design approval  |                 |
| Para. 1.9.3                            | Operational conditions – Permit to Operate   |                 |
| Para. 1.9.4                            | Port State control   |                 |

| <b>SPECIFIC PORT STATE OBLIGATIONS</b> |   |                 |
|--|---|-----------------|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b> |
| Para. 18.3.8                           | Training and qualifications   |                 |
| <b>Grain Code</b>                      |   |                 |
| Para. 3.4                              | Document of authorization   |                 |
| Para. 3.5                              | Document of authorization   |                 |
| Section 5                              | Exemptions for certain voyages  |                 |
| Para. 7.2                              | Stability requirements  |                 |
| <b>IMSBC Code</b>                      | International Maritime Solid Bulk Cargoes Code  |                 |
| Section 1.3                            | Conditions for the carriage of cargoes not listed in the Code   |                 |
| Section 1.5                            | Exemptions  |                 |
| Para.4.3.2                             | Concentrate of cargo which may liquefy – recognition of entity issuing the certificate or declaration of moisture content |                 |
| Para.4.3.3                             | Procedures for sampling, testing and controlling – role of the competent authority as referred to in the paragraph        |                 |

Annex 5

**INSTRUMENTS MADE MANDATORY UNDER IMO CONVENTIONS**

|   |                                     |                                     |
|---|-------------------------------------|-------------------------------------|
| <b>SOLAS 1974</b>                           | Res. MSC.215(82)                    | reg. II-1/3-2.2                     |
|   | Res. MSC.133(76), as amended        | reg. II-1/3-6.2.1                   |
|   | Res. MSC.287(87)                    | reg. II-1/3-10.3                    |
|   | Res. MSC.288(87)                    | reg. II-1/3-11.3.1                  |
|   | Res. MSC.289(87)                    | reg. II-1/3-11.3.2                  |
|   | Noise Code                          | reg. II-1/3-12                      |
|   | 2008 IS Code, part A                | reg. II-1/5.1                       |
|   | FSS Code                            | reg. II-2/3.22                      |
|   | 2010 FTP Code                       | reg. II-2/3.23                      |
|   | LSA Code                            | reg. III/3.10                       |
|   | IMSBC Code                          | reg. VI/1-2                         |
|   | CSS Code, sub-chapter 1.9           | reg. VI/2.1                         |
|   | Grain Code                          | reg. VI/8.1                         |
|   | IMDG Code                           | reg. VII/1.1                        |
|   | IBC Code                            | reg. VII/8.1                        |
|   | IGC Code                            | reg. VII/11.1                       |
|   | INF Code                            | reg. VII/14.1                       |
|   | ISM Code                            | reg. IX/1.1                         |
|   | 1994 HSC Code                       | reg. X/1.1                          |
|   | 2000 HSC Code                       | reg. X/1.2                          |
| RO Code                                     | reg. XI-1/1                         |                                     |
| 2011 ESP Code                               | reg. XI-1/2                         |                                     |
| Casualty Investigation Code, parts I and II | reg. XI-1/6                         |                                     |
| Res. 4 of the 1997 SOLAS Conf.              | reg. XII/1.7                        |                                     |
| Res. MSC.169(79)                            | reg. XII/7.2                        |                                     |
| Res. MSC.168(79)                            | reg. XII/14                         |                                     |
| <b>MARPOL</b>                               | RO Code                             | Annex I, reg. 6<br>Annex II, reg. 8 |
|   | Res. MEPC.94(46), as amended        | Annex I, reg. 20.6                  |
|   | IBC Code                            | Annex II, reg. 1.4                  |
|   | BCH Code                            | Annex II, reg. 1.4                  |
|   | NO <sub>x</sub> Technical Code 2008 | Annex VI, reg. 5.3.2                |
| <b>STCW 1978</b>                            | STCW Code, part A                   | reg. I/1.2.3                        |
| <b>LL PROT 1988</b>                         | 2008 IS Code                        | Annex 1, reg. 1                     |
|   | RO Code                             | Annex I, reg. 2-1                   |

Annex 6

**SUMMARY OF AMENDMENTS TO MANDATORY INSTRUMENTS  
REFLECTED IN THE NON-EXHAUSTIVE LIST OF OBLIGATIONS  
(ANNEXES 1 TO 4)**

The amendments to mandatory instruments reflected in annexes 1 to 4 are summarized below to facilitate the amendment of corresponding tables in the future.

|                              |   |
|------------------------------|---|
| SOLAS 1974                   | up to and including 2013 amendments (res. MSC.350(92) except chapter XI-2, regulation V/19-1 and ISPS Code) |
| Res. MSC.215(82)             | up to and including the 2012 amendments (res. MSC.341(91))  |
| Res. MSC.133(76), as amended | up to and including the 2004 amendments (res. MSC.158(78))  |
| Res. MSC.287(87)             | as adopted  |
| Res. MSC.288(87)             | up to and including the 2012 amendments (res. MSC.342(91))  |
| Res. MSC.289(87)             | as adopted  |
| Noise Code                   | as adopted by res. MSC.337(91)  |
| 2008 IS Code                 | up to res. MSC.319(89)(part B only)   |
| FSS Code                     | up to and including the 2012 amendments (res. MSC.339(91))  |
| 2010 FTP Code                | up to and including the 2010 amendments (res. MSC.307(88))  |
| LSA Code                     | up to res. MSC.320(89)  |
| IMSBC Code                   | up to and including the 2013 amendments (res. MSC.354(92))  |
| CSS Code, sub-chapter 1.9    | up to and including the 2002 amendments (MSC/Circ.1026)   |
| Grain Code                   | up to and including the 1991 amendments (res. MSC.23(59))   |
| IMDG Code                    | up to and including the 2012 amendments (res. MSC.328(90))  |
| IBC Code                     | up to and including the 2012 amendments (res. MSC.340(91) and res. MEPC.225(64))                            |
| IGC Code                     | up to and including the 2006 amendments (res. MSC.220(82))  |
| INF Code                     | up to and including the 2007 amendments (res. MSC.241(83))  |
| ISM Code                     | up to and including the 2013 amendments (res. MSC.353(92))  |
| 1994 HSC Code                | up to and including the 2013 amendments (res. MSC.351(92))  |
| 2000 HSC Code                | up to and including the 2013 amendments (res. MSC.352(92))  |
| RO Code                      | as adopted by res. MSC.349(92)  |
| 2011 ESP Code                | as adopted by res. A.1049(27)   |



|                                     |   |
|-------------------------------------|---|
| Casualty Investigation Code         | up to and including 2014 amendments (res. MSC.390(94))  |
| Res. 4 of the 1997 SOLAS Conf.      | no amendments yet adopted   |
| Res. MSC.169(79)                    | no amendments yet adopted   |
| Res. MSC.168(79)                    | no amendments yet adopted   |
| SOLAS PROT 1978                     | up to and including the 2012 amendments (res. MSC.343(91))  |
| SOLAS PROT 1988                     | up to and including the 2012 amendments (res. MSC.344(91))  |
| MARPOL                              | up to and including the 2014 amendments (res. MEPC.251(66), but excluding res. MEPC.246(66), MEPC.247(66), MEPC.248(66), MEPC.249(66) and MEPC.250(66)) |
| RO Code                             | as adopted by res. MEPC.237(65)   |
| Res. MEPC.94(46), as amended        | up to and including the 2013 amendments (res. MEPC.236(65))   |
| IBC Code                            | up to and including the 2012 amendments (res. MEPC.225(64) and MSC.340(91))   |
| BCH Code                            | up to and including the 2006 amendments (res. MEPC.144(54) and MSC.212(81))   |
| NO <sub>x</sub> Technical Code 2008 | up to and including the 2014 amendments (res. MEPC. 251(66))  |
| STCW 1978                           | up to and including the Manila amendments (STCW/Conf.2/res.1), except regs. VI/5.2, 6.3 and 6.6   |
| STCW Code, part A                   | up to and including the Manila amendments (STCW/Conf.2/res.2)   |
| LL 1966                             | up to and including the 2005 amendments (res. A.972(24))  |
| LL PROT 1988                        | up to and including the 2013 amendments (res. MSC.356(92))  |
| RO Code                             | as adopted by res. MSC.349(92)  |
| TONNAGE 1969                        | no amendments yet adopted   |
| COLREG 1972                         | up to and including the 2001 amendments (res. A.910(22))  |

## Annex 7

**AMENDMENTS<sup>4</sup> TO IMO INSTRUMENTS EXPECTED TO BE ACCEPTED  
AND TO ENTER INTO FORCE BETWEEN 1 JANUARY 2016 AND 1 JULY 2016**

The following tables contain non-exhaustive lists of obligations, including those obligations imposed when a right is exercised.

## Annex 1

**OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES**

| <b>OBLIGATIONS OF CONTRACTING GOVERNMENTS/PARTIES</b>           |  |  |
|---|--|--|
| <b>SOURCE</b>   | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>  |
| <b>IMDG Code</b><br>Section 1.5.3                               | <del>Management system</del> <u>Quality assurance programmes</u> – role of competent authority                                     | <u>In force 1/1/2016 by MSC.372(93)</u>                  |
| <b>IGC Code</b><br><u>Para. 1.4.5</u> <del>Para. 1.5.5.1]</del> | Issue or endorsement of certificate by another Government  | <u>In force 1/1/2016 by MSC.370(93)</u>                  |
| <b>III Code</b>   | <u>IMO Instruments Implementation Code – Application of the provisions of the III Code under related mandatory IMO Instruments</u> | <u>In force 1/1/2016 by MSC.366(93) and MEPC.246(66)</u> |

<sup>4</sup> The struck-out text indicates deletions and the underlined text shows additions or changes to the non-exhaustive list of obligations.

Annex 2

**SPECIFIC FLAG STATE OBLIGATIONS**

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b>      |   |  |
|---|---|--|
| <b>SOURCE</b>                               | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b>  |
| <b>MARPOL</b>                               |   |  |
| <b>Annex I</b>                              |   |  |
| <u>Reg. 28.6.3</u>                          | <u>Subdivision and damage stability-Issuing a document of approval for the stability instrument</u> | <u>In force 1/1/2016 by MEPC.248(66)</u>                 |
| <b>FSS Code</b>                             |   |  |
| Ch. 15 Para. <u>2.2.1.1</u><br><u>2.1.2</u> | Inert gas systems – approval  | <u>In force 1/1/2016 by MSC.367(93)</u>                  |
| Ch. 15, Para. <u>2.2.4.6</u>                | Adequate reserve of water   | <u>In force 1/1/2016 by MSC.367(93)</u>                  |
| <b>IBC Code</b>                             |   |  |
| <u>Para. 2.2.6.3</u>                        | <u>Issuing a document of approval for the stability instrument</u>                                  | <u>In force 1/1/2016 by MEPC.250(66) and MSC.369(93)</u> |
| <b>BCH Code</b>                             |   |  |
| <u>Para. 2.2.1.2.2</u>                      | <u>Issuing a document of approval for the stability instrument</u>                                  | <u>In force 1/1/2016 by MEPC.249(66) and MSC.376(93)</u> |
| <b>IGC Code<sup>5</sup></b>                 |   |  |
| <u>Para. 1.1.2.3</u>                        | <u>Compliance with relevant requirements for existing ships</u>                                     | <u>In force 1/1/2016 by MSC.370(93)</u>                  |
| <u>Para. 1.1.6.1</u>                        | <u>Establishment of a Tripartite Agreement, where applicable</u>                                    | <u>In force 1/1/2016 by MSC.370(93)</u>                  |
| <u>Para. 1.1.6.3</u>                        | <u>Assessment form and a proposal for a new and complete entry – submission to IMO</u>              | <u>In force 1/1/2016 by MSC.370(93)</u>                  |
| <u>Para. 1.1.10</u>                         | <u>Actions for ships operating in some modes, and establishment of additional requirements</u>      | <u>In force 1/1/2016 by MSC.370(93)</u>                  |
| <u>Para. 1.3.2</u>                          | <u>Equivalents – communication to IMO</u>   | <u>In force 1/1/2016 by MSC.370(93)</u>                  |
| <u>Paras. 1.4.1.1, 1.4.1.5, 1.4.6</u>       | <u>Survey and certification</u>   | <u>In force 1/1/2016 by MSC.370(93)</u>                  |

<sup>5</sup> All existing items under IGC Code in Annex 2 are deleted and replaced by the items in the table

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |  |  |
|--|--|--|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>                          |
| <u>Para. 1.4.1.3</u>                   | <u>Information of nominated surveyors or ROs – communication to IMO</u>                    | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 1.4.6.9.3</u>                 | <u>Flag changes – providing information regarding survey and certificate</u>               | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 2.2.6.3</u>                   | <u>Issuing a document of approval for the stability instrument</u>                         | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 2.2.8</u>                     | <u>Damage survival capability investigation</u>  | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 2.6.2</u>                     | <u>Alternative measures – approval</u>   | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 4.3.6</u>                     | <u>Inspection/survey plan for the cargo containment system – approval</u>                  | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 4.6.2.5</u>                   | <u>Inspection/test means for secondary barrier – approval</u>                              | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 4.14.1.3</u>                  | <u>Methods to predict accelerations due to ship motion – approval</u>                      | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 4.18.1.5</u>                  | <u>Allowable stress for materials other than those covered by chapter 6 – approval</u>     | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 4.18.2.6.3</u>                | <u>Load distribution and sequence for longer periods – approval</u>                        | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 4.19.1.6.3</u>                | <u>Design and construction of the heating system – approval</u>                            | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 4.20.3.3</u>                  | <u>Determining requirements of inspection for secondary barriers</u>                       | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 6.4.1.1</u>                   | <u>Requirements for metallic materials as referred to in tables 6.1 to 6.5 of IGC Code</u> | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 6.6.3</u>                     | <u>Requirements for testing and inspection of secondary barriers</u>                       | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 8.2.6</u>                     | <u>Setting and sealing of pressure relief valves (PRVs)</u>                                | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 8.2.18</u>                    | <u>Adequacy of the vent system fitted on tanks</u>   | <u>In force 1/1/2016 by MSC.370(93)</u>  |
| <u>Para. 10.2.4</u>                    | <u>Recognition of accredited testing authority or notified body</u>                        | <u>[In force 1/1/2016 by MSC.370(93)</u> |

| <b>SPECIFIC FLAG STATE OBLIGATIONS</b> |   |   |
|--|---|---|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>  | <b>COMMENTS</b>                         |
| <u>Para. 11.4.1</u>                    | <u>Fixed dry chemical powder fire-extinguishing systems – approval</u>    | <u>In force 1/1/2016 by MSC.370(93)</u> |
| <u>Para. 13.6.16</u>                   | <u>Value of alarm of vapour concentration in primary space – approval</u> | <u>In force 1/1/2016 by MSC.370(93)</u> |
| <u>Para. 15.6.1</u>                    | <u>Information on maximum allowable loading limits – approval</u>         | <u>In force 1/1/2016 by MSC.370(93)</u> |
| <u>Para. 17.14.7</u>                   | <u>Maximum set pressure of PRVs (Ethylene oxide) – approval</u>           | <u>In force 1/1/2016 by MSC.370(93)</u> |
| <u>Para. 17.18.24</u>                  | <u>Cargo handling plans – approval</u>                                    | <u>In force 1/1/2016 by MSC.370(93)</u> |
| <u>Para. 18.2.1</u>                    | <u>Cargo system operation manuals – approval</u>                          | <u>In force 1/1/2016 by MSC.370(93)</u> |

Annex 4

**Specific Port State Obligations**

| <b>SPECIFIC PORT STATE OBLIGATIONS</b> |  |   |
|--|--|---|
| <b>SOURCE</b>                          | <b>SUMMARY DESCRIPTION</b>   | <b>COMMENTS</b>                         |
| <b><u>IGC Code</u></b>                 |  |   |
| <u>Para. 1.1.6.1</u>                   | <u>Establishment of a Tripartite Agreement, where applicable</u>                               | <u>In force 1/1/2016 by MSC.370(93)</u> |
| <u>Para. 1.1.10</u>                    | <u>Actions for ships operating in some modes, and establishment of additional requirements</u> | <u>In force 1/1/2016 by MSC.370(93)</u> |
| <u>Para. 1.4.1.4</u>                   | <u>Ships not allowed to sail</u>   | <u>In force 1/1/2016 by MSC.370(93)</u> |