Solas convention pdf

I'm not robot!

```
History of SOLASThe SOLAS Convention in its successive forms is generally regarded as the most important of all international treaties concerning the safety of merchant ships. The first version was adopted in 1914, in response to the Titanic disaster, the second in 1929, the third in 1948, and the fourth in 1960. Read more SOLAS 1914 Text of the
Convention for the Safety of Life at Sea. Signed at London, January 20, 1914. Source: Open Library Safety of life at sea: analysis and explanatory notes of the London Convention on Safety of Life at Sea in relation to the American Merchant Marine prepared by Andrew Furuseth. Washington: [G.P.O.], 1914. SOURCE: Harvard University Collection
Development Department, Widener Library, HCL. SOLAS Conferences The IMO convention to ensure Safety Of Life At Sea SOLAS is a set of international standards first released in 1914, in consequence to the Titanic disaster. Today SOLAS regulates basic safety aspects for ships on international voyages such as stability, machinery, electrical
installations, fire protection and lifesaving appliances. The main objective of the SOLAS Convention is to specify minimum standards for the construction, equipment and operation of ships. Regulatory Focus The current SOLAS Convention includes the following themes: General Provisions Construction - Subdivision and stability, machinery and
electrical installations Fire protection, fire detection and fire extinction Life Saving Appliances and arrangements Radio Communications Safety of Navigation Carriage of Cargoes Carriag
safety Special Measures for enhance maritime security Additional safety measures for bulk carriers. Further IMO Codes provide guidelines in line with SOLAS requirements, such as: International Safety Management (ISM) Code Fire Test Procedures (FTP) Code Fire Safety Systems (FSS) Code. Deliverables RINA
performs verifications at the time of construction and throughout a vessel's service life, based on a satisfactory document review and periodical surveys, when delegated for these purposes by a Flag Administration. We issue the following SOLAS certificates: International Bulk Chemical Certificate International Certificate for Ships Carrying Liquefied
Gases in Bulk High Speed Craft Safety Certificate Safety Construction Certificate Safety Construction Certificate Safety Radio Certificate Safety 
and certification. We serve ship owners all over the world through our office global network and our highly skilled personnel. Q&A Where can I find a copy of the SOLAS convention? Purchase it from IMO Publications and see it on the IMO website. Is it possible to perform SOLAS verifications at the same time as other statutory activities? Yes, the
Harmonized System of Survey and Certification (HSSC) allows statutory surveys for different certificates to be carried out at the same time. Are specific training courses available? RINA Academy provides training courses on international regulations, including the SOLAS convention. The maritime industry's most important concerns are the safety of
personnel and prevention of marine pollution for smooth cargo transportation and marine operation at high seas. To achieve this, the International Conventions for safeguarding human life and marine environment from all kinds of pollutions and
accidents. Read: MARPOL - The Ultimate Guide What is SOLAS Convention? The word SOLAS is an abbreviation and SOLAS full form is "Safety Of Life At Sea", an international Convention or International Convention for the Safety of Life at Sea (SOLAS), which establishes the least safety measures in the
construction, equipment and operation of the ship to real emergency like - "Abandon Ship". The convention of 1974, includes a number of regulations under different SOLAS chapters, which deals with safety precautions and safety precautions are safety precautions.
updated to meet the safety norms in the modern shipping industry from time to time. This article explains the contents of SOLAS and the regulations they carry. Marine Insight has provided links of various articles which will help the readers to understand how
the regulation of the SOLAS Annexes is implemented on a seagoing vessel and the importance of SOLAS. Download Practical Maritime eBooks With Amazing Bonuses: Here are a few fantastic ebooks to get important maritime information in the next couple of minutes! eBooks For The Smart Mariner 14 Main Chapters Of SOLAS. The SOLAS 1974
international maritime treaty comprises 13 chapters and each chapter has its own set of regulations. The International Convention for the Safety of Life at Sea (SOLAS), 1974 describes the requirement for all merchant ship of any flag state to comply with the
minimum safety norms laid down in the chapter I - General Provisions: Surveys and certification of all the safety items etc are included. Chapter II-1 - Construction - Subdivision and stability, machinery and electrical installations: Deals with watertight integrity of the ship, especially for passenger vessel. Chapter II-2 -
Fire protection, fire detection and fire extinction: This chapter elaborates the means and measures for fire protection in accommodation, cargo spaces and engine room for the passenger, cargo and tanker ship. Chapter III – Life-saving appliances and engine room for the passenger, cargo and tanker ship. Chapter III – Life-saving appliances and engine room for the passenger, cargo and tanker ship.
Chapter IV - Radio communications: Includes requirements of GMDSS, SART, EPIRB etc for cargo and passenger vessel. Chapter V - Safety of navigation, distress signal etc. Chapter VI - Carriage of Cargoes: This chapter
defines the storage and securing of different types of cargo and containers, but does not include oil and gas cargo. Chapter VII - Nuclear ships: The code of safety for a nuclear-propelled ship is stated in this
chapter. Chapter IX - Management for the Safe Operation of Ships: The International Safety Management Code for ship owners and operators is described clearly. Chapter XI-1 & 2- Special measures to enhance maritime safety: Special and enhanced
survey for safe operation, other operation, other operational requirements and ISPS code is briefed in this chapter XII - Additional safety measures for bulk carriers: Includes safety measures for Ships Operating in Polar Waters What is the
Purpose Of Each SOLAS Chapter I In the SOLAS Chapter I In the SOLAS Chapter I In the SOLAS Chapter I for this chapter is further subdivided into 3 parts- Part A, Part B and Part C. Part A contains 5 regulation that explains the "Application" of this chapter in different types
of the ship along with the "Definition" of different terminology which is used in the chapter. The regulation may not be applicable to all types of a ship; hence a separate section of "Exceptions" and "Exceptions" is also provided. All the SOLAS chapters cover a general basic minimum criterion which applies to seagoing ships, regardless of their
location and nationality. It is possible that the material or appliances available in one country are not available for the ship in another country. An "Equivalent" Section is also provided to deal with such a situation. Part B contains the important regulations informing about surveys and certificates seagoing ships need to have to be said compliant with
SOLAS. For this, 15 regulations are kept under Part B. Regulation 6 to Regulation 6 to Regulation 11 provides details of different surveys to go through. Related Read: A List of Inspections And Surveys Deck Officers On Ships Should Be Aware Of What
is the Harmonised Survey System for Ships? Regulation 12 to Regulation 12 to Regulation 19 - Control: This regulation explains the jurisdiction of local government a
foreign ship is voyaging, such as coast guard, port state etc. to inspect the concerned (next port of call, owner, class etc.) and how to exercise the control. Related Read: The Ultimate Guide to Port State Control (PSC) Inspection on
Ships Regulation 20 - Privileges: this regulation 20 - Privileges: this regulation explains if the ship can or cannot claim any privileges depending upon the certificates it holds. Part C of Chapter 1 contains only one regulation, i.e. Regulation 21, which explains how a contracting government can carry out an inquiry for the ship which was involved in an incident and causalities and
what kind of information needs to be collected and to be passed through. Related Read: 10 Important Things To Do During Ship Collision Accident How P & I Clubs Work - Procedure for Accident How P to Collision Accident How P and electrical installations: This chapter of SOLAS Deals with watertight
integrity of the ship, including the passenger's vessel and comprises of 7 parts, explaining the requirement for structural, machinery, electrical, stability and other criteria for a safe ship. Part A contains 3 regulations explain the "Definition" of different
terminology which is used in the chapter. Part A-1 comprises of regulations explaining the requirement for the structure of the ship including protective coating, towing arrangements, deck equipment fittings, construction and drawings etc. It also includes the regulation on how to provide access to different parts of oil tanker and bulk carrier and the
structure access manual which contains the details of the structure including plans for means of access. The method to construct a ship that complies with the regulation for protection against noise is also included. Related Read: Preparations For Emergency Towing Of Ship – 10 Important Points Part B of this regulation explains the stability and
watertight integrity requirement. Under Part B 1, the regulations (Regulation 5 to 8) define the necessary conditions for maintaining the intact stability of the cargo ship and passenger ship. It also includes a requirement on the information which needs to be supplied to the master on the stability of the vessel explaining how to calculate the stability
factors in different conditions. Related Read: Understanding Watertight Bulkheads In Ships: Construction and SOLAS Regulations (Regulations of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable? Part B 2 comprises of 4 regulations (Regulations Ship Unstable?)
and testing requirements of watertight and other important bulkheads, and the provision of the double bottom on ships other than tanker ships. Related Read: How to Test and Maintain Cargo Hatch Cover of a Dry Ship? Designing A Ship's Bottom Structure - A General Overview Part B 3 explains the requirement for the subdivision load line
assignment for passenger ships. Part B 4 of this chapter comprises of 7 regulations (Regulation 19 to Regulation 19 to Regula
the requirement of emergency installation on Ships Part D of this chapter (from regulation 39. Related Read: 5 Stages Of Marine Machinery Installation requirement for cargo and passenger ships including the emergency source and arrangements
along with electrical safety and hazards. Related Read: How to Install Electronic Circuits on Ship? Part E clarifies the requirement for unattended machinery space under regulation 46 to 54 explicitly. Related Read: Preparation for UMS Operation On Ships Part F of this chapter gives the details about
the alternative design and arrangement for the ship's machinery and electrical system under regulation 55. It also explains the application and requirements as per the regulation 56 and 57 for the ships using low flash point fuels. Related Read: How to select
Marine Fuel Oil and Factors Necessary for Fuel Oil System SOLAS Chapter II-2 Fire protection, fire detection and fire extinction: This chapter elaborates the means and measures for fire protection in accommodation, cargo spaces and engine room for the passenger, cargo and tanker ship. This chapter is divided into 7 parts, explaining the various
requirement for fire safety systems installed on a ship. Part A contains regulations 1 to 3 which explains the "Application" of this chapter on ships construction date and the objective and functional requirement of this chapter. Part B of this chapter
specifies the requirement to prevent fire and explosion on cargo ships including tankers. It has 3 regulation 4 gives the details of how to prevent the ignition of a combustible source present on ships including the limitations and arrangements on the use of fuel and lube oils used onboard, and prevention
of fire in the cargo areas of the tanker ship. Regulation 5 laid down the requirement to curb the growth of the fire in different spaces on the ship, which includes cutting any one side of the fire triangle, i.e. to control either air supply or the heat source (using protection materials like insulation, linings etc.) in the potentially hazardous
space. Related Read: 16 Fire Fighting Appliances and Preventive Measures Onboard Ships Regulation 6 of this part focus on reduction of hazards to human life from products which release smoke and toxic gases (such as paint, varnish etc.). Related Read: 20 Hazards On Oil Tanker Ship Every Seafarer Must Know Part C of this chapter comprises of 5
regulations (Regulation 7 to Regulation 7 to Regulation 11) and focuses on the requirement to suppress the fire at the earliest, including detection and control of smoke and flames, containment requirement to be used on ships machinery, accommodation and
cargo spaces. Related Read: Basics of Fire Prevention Onboard Ships Part D focuses on the escape for different types of ships (cargo ship, passenger ship, RoRo ship etc.), equipment and systems which helps in
escaping from the hazardous place etc. Part E of chapter II-2 consist of Regulation 14 to regulation 16 providing information on the maintenance of the fire detection, fighting, and control equipment on cargo ships including tankers and passenger ships. It also explains the requirement for training and drills to be carried out on fire safety on board
ship. Regulation 16 focuses on the fire safety booklet which should be kept on board ship for all types of vessel. Related Read: A Brief Overview of Fire Control Plan on
Ship Part G contains a special requirement for the operations which are carried out on the tanker and bulk carrier ships such as helicopter operation (Regulation 19 provides safety measures for carrying dangerous goods in a container, bulk, tanker or Roro
ships. Related Read: 16 Fire Fighting Appliances and Preventive Measures Onboard Ships Regulation 20 focuses on ships that carry a vehicle as cargoes along with passenger-centric, describing the requirement a passenger ship should
follow in case of fire incident onboard ship to save passenger and ship from a major accident. Related Read: DNV GL: Enhancing Fire Safety On Ro-Ro Decks SOLAS Chapter III Life-saving appliances and arrangements: All the lifesaving appliances and their use in different situations according to the ship type is described in this chapter. This chapter
comprises 3 Parts. Part A contains 5 regulation that explains the "Application" of this chapter in different types of the ship along with the "Definition" of different types of a ship; hence a separate section of "Exceptions" and "Exemptions" is also provided. Further,
onboard testing and production testing procedures are also explained. Part B comprises of total 32 regulations (from Regulation no. 6 to 37) dealing with the requirements of life-saving appliances on passenger and cargo ships. Regulation for safety and life-saving situations on
vessels. Related Read: What Are PyroTechnics on Ship? History of Maritime Distress Signals Regulation 7 list downs the requirement for the personal life-saving appliance such as lifejackets, lifebuoys, immersion suit etc. Related Read: Everything You Ever Wanted to Know About Life Jackets on Ships Regulation 11 contains the
instruction on muster station, survival craft operation and manning, along with their embarkation arrangements explaining the different requirements. Related Read: Liferafts on Ships: SOLAS Requirements, Safety Features & Launching Procedure Regulation 12 specifically address the location of survival craft in a cargo ship (other than free fall
lifeboat). Regulation 13 to Regulation 17 details on the stowage and necessary arrangement required for the lifeboat, liferaft, marine evacuation system, recovery boat on the ship and Man Overboard Operation. Related Read: Types of Lifeboats Used On Ship Regulation 18 lists down the requirement for line throwing appliances used on the ship.
Regulation 19 deals with various training and drills requirement for the onboard crew. Regulation 20 applied to all the ships for operational readiness, maintenance and survey requirement for the onboard crew. Regulation 20 applied to all the ships for operational readiness, maintenance and survey on Ships Life Raft Repair Services and
Maintenance Procedures: A General Overview Regulation 21 to Regulation 30 tell about the additional requirement for passenger ships, including drills for passenger ship about survival crafts and all lifesaving appliances on the passenger ships of 130m in length should be
provided with a helicopter landing area). Related Read: Cruise Ship Passenger Drill Requirement for cargo ship about survival crafts and all lifesaving appliances on the ships. Regulation 35 to 37 contains various instructions for onboard
maintenance, muster lists etc. and availability of training manual and other onboard training aids on the ship. Related Read: Important Features of Muster List on Ship Part C of this chapter IV Radio communications:
 This chapter Includes requirements of different radio communication equipment used on board ships such as GMDSS, SART, EPIRB etc for cargo and passenger vessels. This chapter is divided into 3 parts; Part A, Part B and Part C. Part A contains regulations 1 to 4 which explains the "Application" of this chapter and the regulations also explains
"Definition" of different terminology which is used in the chapter and the objective and functional requirement of this chapter. Further, it includes the exemptional maritime Distress Safety System (GMDSS) Part B consisted of Regulation 5
explaining the provisions of radiocommunication services and the identities of GMDSS by the contracting government. Related Read: How to get a GMDSS Endorsement Certificate? Part C insists on the ship-based requirement on
all types of ship. Regulation 7 provides details of different radio equipment minimum requirement which are to be used on ships. Related Read: What Marine Communication Systems Are Used in the Maritime Industry? Regulation 11 provides the details of radio installation capability to initial ship to shore communications and alerts in
Sea areas A1, A2, A3 and A4. Related Read: Introduction to Global Maritime Distress Safety System (GMDSS) - What You Must Know Regulation 12 lists down the additional duties of the officer on radio communication equipment during a watch. Related Read: Obsolete-yet-Famous Marine Jobs: Radio Officers Regulation 13 gives the details of the
energy source for all the radio communication equipment including emergency reserve source of power and battery power. Related Read: 20 Points To Consider For Handling and Taking Care of Batteries On Ships Regulation 14 and 15 gives the details of performance standards and maintenance required to be carried out on radiocommunication
equipment. Related Read: Daily, Monthly And Weekly Tests Of GMDSS Equipment On Board Ships Regulation 16, 17 and 18 provide the need for radio personnel qualification and different records and logs which needs to be updated in the ship log system. Related Read: Important Points For Logbook Keeping On Ships SOLAS Chapter V Safety of
navigation: This chapter consists of total 35 regulations dealing with all the seagoing vessels of all sizes, from boats to VLCCs, and includes passage planning, navigation and the regulations dealing with all the seagoing vessels of all sizes, from boats to VLCCs, and includes passage planning, navigation, distress signal etc. Regulations 1 to 3 explains the "Application" of this chapter on the safety of navigation and the regulations also explains the "Definition" of different terminology.
which is used in the chapter and the objective and functional requirement of this chapter. Further, it includes the exemptional and mineralogical service warnings which are essential for a navigating officer for safe passage plan
Related Read: Important Points For Dealing With Navigational Warnings On Ships Regulation 6, 7,8 and 9 focuses on services (when receiving distress alert from the ship), usage of life-saving signals and hydrographic services (for the compilation of
hydrographic data and publication) by the contracting government. Related Read: IMO Collaborates In Worldwide Implementation of Ships' routeing system for safe and efficient navigation. Related Read: IMO Adopts Key International Routing And Protection
Measures For Bering Sea Regulation 11 lists down the need of reporting system to contribute towards maritime and environmental safety, where the seagoing ship reports to the concerned authorised body. Regulation 12 provides the requirement for Vessel Traffic Service (VTS) undertaken by the contracting government for safe navigation in the
coastal area, channel, port vicinity and area of maritime traffic. Related Read: What are Vessel Traffic Services? Regulation 13 defines the role of the contracting government for an arrangement of establishment and operation 14 lists down the
minimum manning requirement and crew performance for a seagoing ship Regulation 15 gives details of bridge design and procedures along with the arrangement of navigation Systems and equipment. Related Read: 30 Types of Navigation Equipment and Resources Used Onboard Modern Ships Regulation 16 and Regulation 17 provides the need for
maintenance of navigation equipment and their electromagnetic compatibility. Regulation 18 gives the terms for surveys, approval criteria and performance standard of navigation 19 provides the requirement
for carrying a navigational system and equipment onboard ship as per the date of construction and also as per the capacity of the vessel in gross tonnage. It also explains the requirement for Long Range Identification and Tracking of Ships. Related Read: The Long Range Tracking and Identification (LRIT) System: Tracking and Monitoring Ships
Regulation 20 explains the requirement for Voyage Data Recorder on ships for assisting in causality investigations. Related Read: Voyage Data Recorder (VDR) on a Ship Explained Regulation 21 provides the details of the International Code of Signals which a radio installation on a ship should carry. Regulation 22 talks about the visibility requirement
from the ships' bridge window and Regulation 23 explains the pilot transfer arrangement. Related Read: Important Pilot Transfer Arrangements And SOLAS Requirements For Ships Regulation 24 explains the use of heading and track control system when the ship is in restricted visibility or high traffic area. Related Read: 10 Important Points Ship's
Officer On Watch Should Consider During Restricted Visibility Regulation 25 and 26 list down the regulatory requirement for the electrical power source, testing, and drills for steering gear systems. Related Read: Procedure of Testing Steering Gears on Ship Regulation 27 talks about the nautical charts and publications available onboard ships for
passage and voyage. Related Read: Understanding the Principles of Passage Planning Regulation 28 provides the details of records to be kept for all the navigation officer. Related Read: Different Entries To Be Made In Bridge Log Book of The Ship Regulation 29 insist on the requirement for the ship's officer to
understand different life-saving signals used in distress. Regulation 30 lists the operational limitations of passenger ships regarding safe navigation. Regulation by sending danger message (while encountering any dangerous navigation situation situation by sending danger message (while encountering any dangerous navigation situation situation situation by sending danger message (while encountering any dangerous navigation situation situation
to the contracting government using a message or International code of Signal. It also includes the type of information which needs to be sent to the authorities. Further, the regulation also explains the obligations/ procedures on providing assistance to the ship in danger and how to avoid such a situation which can become a danger. Regulation 35
strictly prohibits the use of distress signal for any other purpose other than explains in the above regulations. Related Read: What is the Responsibility of the Master after Abandoning a Ship? SOLAS Chapter VI Carriage of Cargoes and Oil Fuel: This chapter of SOLAS defines the storage and securing of different types of cargo and containers, but
does not include oil and gas cargo. This chapter is further divided into 3 parts; Part A, Part B, and Part C. Part A contains regulation 1 to Regulation 5. Regulation 1 explains the "Application" of this chapter and also explains the "Application" of this chapter and also explains the "Definition" of different terminology which is used in the chapter and the requirements to carry the solid cargo other than
grain. Regulation 2 tells about the information exchange to be done between the shipper and the master on the type of cargo being loaded. Related Read: What is Ship-Shore Interface Management in the Shipping World? Regulation 3 explains the need for Oxygen analyzer and other gas detection equipment for monitoring of those solid cargoes which
emits toxic or flammable gases. Regulation 4 describes the details of using pesticides on ship done for fumigation purpose. Regulation 5 provides the information on stowing and securing of the cargo. It also lists down the requirement of MSDS for oil fuel carried on board ship. Further, it explains the requirement to prohibit the mixing of bulk liquid
cargo and production process during sea voyages. Related Read: Material Safety Data Sheet or MSDS Used on Ships Part B of this SOLAS chapter list down the special provision for carrying solid bulk cargoes and it consist of Regulation 6 and 7 which explains the procedure to accept a shipment and how to load, unload the stow such cargo. Related
Read: 9 Common Hazards Of Bulk Cargo On Ships Part C focuses on the requirement for carriage of grains under Regulation 8 and 9 which provides the definitions of International Grain Code and other essential terms related to grains under Regulation 8 and 9 which provides the definitions of International Grain Code and other essential terms related to grains under Regulation 8 and 9 which provides the definitions of International Grain Code and other essential terms related to grains under Regulation 8 and 9 which provides the definitions of International Grain Code and other essential terms related to grains under Regulation 8 and 9 which provides the definitions of International Grain Code and other essential terms related to grains under Regulation 8 and 9 which provides the definitions of International Grain Code and other essential terms related to grains under Regulation 8 and 9 which provides the definitions of International Grain Code and other essential terms related to grain Code and Other Essential terms related t
Shipping Industry SOLAS Chapter VII Carriage of dangerous goods: Defines the International Maritime Goods Code for storage and transportation of dangerous goods. This chapter is further divided into 4 parts; Part A, Part B, Part C and Part D. Part A is provided with information on the carriage of dangerous goods in the packaged form under 7
regulations. Regulation 1, 2 and 3 explain the "Application" of this chapter and also explains the "Definition" of different terminology which is used in the packaged form. Related Read: 8 Things Deck Officers Must Know While Handling Packaged IMDG Cargo Regulation 7 is
dedicated for Carriage of dangerous goods in a solid bulk form defining the terms used under this regulation along with the application of the terms. It further explains the documentation and stowage with segregation requirement for such type of cargoes. The reporting of the incident and other condition related to the dangerous goods carried in
solid bulk form is also provided. Related Read: A Guide To HAZMAT Cargo Loading On Ships Part B of this chapter explains the details about construction and equipment for carrying dangerous liquid chemical in bulk. Regulation 8, 9 and 10 explains the details about construction and equipment for carrying dangerous liquid chemical in bulk. Regulation 8, 9 and 10 explains the Definition" of this chapter and "Application" of this chapter and "Applic
along with the requirements for chemical tankers which carry such cargoes. Related Read: A Guide To Plan Stowage On Chemical Tankers Part C of this chapter explains the details about construction and equipment for carrying liquified gas in bulk as cargo. Regulation 11, 12 and 113 tells the Definitions of different terminology which are used in the
chapter and "Application" of gas ships along with the requirements for gas tankers which carry such cargoes. SOLAS Chapter VIII Nuclear ships: The code of safety for the nuclear-propelled ship is stated in this chapter consists of 12 regulations explaining the application, exemptions, approvals, and requirement (for reactor
installations), Safety against radiation, safety assessment, operating manual, surveys and certifications, Controlling authority and steps in case of any causality due to radiation etc. Related Read: Understanding Nuclear Management for the Safe Operation of Ships The International Safety Management Code for
ship owner and the operator is described clearly. Regulation 1 and 2 of this chapter explains the "Application" of SOLAS Chapter 9 and also explains the equirement to comply with the ISM code followed by important certifications in
Regulation 4, which includes DOC, SMC etc. Related Read: How is ISM Code Implemented On Ships? Regulation 6 list down the maintenance of conditions and verification & control respectively. Related Read: What Is Safety Management System (SMS) On Ships? SOLAS Chapter X Safety measures for high-speed craft This chapter
is dedicated to high-speed crafts only, explaining the safety requirements and comprises of 3 regulations interpreting the Definitions of different terminology which are used in the chapter and "Application" of high-speed Crafts SOLAS
Chapter XI This chapter is divided into two sections. Section one, i.e. Chapter XI-1 deal with the Special measures to enhance maritime security.
Chapter XI-1 consist of 7 regulations. Regulation 1 provides information about the authorization of a recognised organisation. Regulation 2 compiles the requirements for the enhanced survey for bulk carriers and oil tankers along with the harmonization of survey periods of ships which are not subjected to the ESP code. Related Read: What is the
Enhanced Survey Programme (ESP)? Regulation 3 provides the details of the ship identification number and company cum owner identification for the ship identification number. Related Read: Automatic Identification number and Identification number and Identifying Marine Communication Channels Regulation 4 explains the role of Port state control on operational requirements
Regulation 5 deals with the continuous synopsis record which is provided onboard as a historical overview of the ship information. Related Read: What is Continuous synopsis record which is provided onboard as a historical overview of the ship information. Related Read: What is Continuous synopsis record which is provided onboard as a historical overview of the ship information. Related Read: A Seafarer's Role in Collecting
Evidence During Maritime Accidents Regulation 7 tells about the requirement for enclosed Spaces for measuring oxygen, flammable gases, H2S, Carbon mono oxide etc. Related Read: IMO: Enclosed Space Ship Safety Rule Enters Into Force Chapter XI-2 deals with maritime security measures which all the parties
involved in a maritime trade need to follow; i.e. ship, port, shipowner, contracting government and authorities. This SOLAS chapter consists of 13 regulation 3 focuses on the
contracting government stating their obligation towards maritime security. Regulation 5 which deals with the specific responsibility of the companies towards maritime security. Related Read: The ISPS Code For Ships - An Essential
Quick Guide Regulation 6 specifies the vital requirement for all seagoing ship about the Ship Security Alert System (SSAS). Related Read: What is Ship Security Alert System (SSAS). Related Read: What is Ship Security Alert System (SSAS).
Under ISPS Code? Regulation 8 lists down the discretion for the master for taking account of ship safety and security. Regulation 9 explains about the compliance and control measures that a ship should exhibit in port and regulation 9 explains about the compliance and control measures that a ship should exhibit in port and regulation 10 states the relevant requirements for port facilities under ISPS code. Related Read: 10 Ways to Enhance Ship
Security Regulation 11 and 12 talks about the alternative and equivalent security arrangement by the contracting government and administration. Regulation 13 deals with the different information that needs to be communicated to the ship and ship manager. Related Read: What is Ship Security Assessment (SSA)? SOLAS Chapter XII Additional
safety measures for bulk carriers: This chapter Includes safety requirement for above 150 meters length bulk carrier. It consists of 14 regulations. Regulation 1,2 and 3 gives details about the "Application" of this chapter, followed by the implementation
schedule for the survey as per the date of construction. Regulation 4 The damage stability requirements for bulk carrier ship. Related
Read: Understanding Design Of Bulk Carriers Regulation 7 deals with the surveys and maintenance requirements of the bulk carriers. Related Read: 9 New Aspects of IACS Harmonised Common Structural Rules (CSR) For Ships Regulation 9 focuses on those
bulk carrier ships which are unable to comply with regulation 4 because of the designing of cargo holds. Regulation 10 lists down the requirement for declaring the solid bulk carrier ships. Related Read: 11 Steps to Enhance Safety of Bulk
Carrier Ships Regulation 12 lists down the terms for having water ingress alarm in holds, ballast space and other dry spaces in a bulk carrier ship. Regulation 13 applies to all the bulk carriers regardless of their date of construction and explains the necessity of pumping systems to drain the ballast tanks. Related Read: A Guide To Ballast Tanks On
Ships Regulation 14 focuses on the restrictions towards the bulk carrier ships from sailing with an empty cargo hold. Related Read: 9 Common Hazards Of Bulk Cargo On Ships Apart from the above SOLAS 12 Chapters, the below two are considered to be SOLAS new chapters which were added in recent years. SOLAS Chapter XIII Verification of
Compliance: This chapter was adopted on 22 May 2014 which requires all the Contracting Party to undergo periodic audits by the approved organization following the audit standard to verify compliance with and implementation of different
terminologies which are used in the chapter and the details about the "Application" of this chapter, followed by the verification system for contracting government. Related Read: Mandatory Audits And Other Amendments Enter Into Force On 1 January 2016 SOLAS Chapter XIV Safety Measures for Ships Operating in Polar Waters – As the name
suggest, the SOLAS chapter 14 deals with the ships that intend to operate within the Arctic and Antarctic areas and need to carry Polar Ship Certificate. This Code entered into force on 1 January 2017 and explains the ships within the Arctic areas and need to carry Polar Ship Certificate. This is
one of the latest chapter introduced within SOLAS in 2017. It comprises of 4 Regulations starting from regulation of this code. Related Read: The IMO Polar Code In Force, Beginning 1 January 2017: How To Comply Regulation 3 explains the
requirements for ships to which this chapter applies followed by regulation 4 which suggest the terms for alternative design and arrangement for vessels sailing in Arctic areas. Disclaimer: The authors' views expressed in this article do not necessarily reflect the views of Marine Insight. Data and charts, if used, in the article have been
sourced from available information and have not been authority. The author and Marine Insight do not claim it to be accurate nor accept any responsibility for the same. The views constitute only the opinions and do not constitute any guidelines or recommendation on any course of action to be followed by the reader
The article or images cannot be reproduced, copied, shared or used in any form without the permission of the author and Marine Insight
```

