



DRY BULK MANAGEMENT STANDARDS

“The DryBMS has been created by international ship managers and maritime risk management experts coming together in working groups to provide input and feedback into the standard.

With support and interest more than 500 companies from 42 countries, we are now ready to take the next steps to achieve a united approach to dry bulk safety. So we’re asking for feedback and input at this vital development stage.”

<https://drybms.org>

Mariner Skills is releasing its suite of courses that addresses the DryBMS training requirements towards **“PERFORMANCE, PEOPLE, PLANT, PROCESS”**

Our training courses are aligned to the DBMS standards and the RightShip 3.0 auditing requirements for organizational excellence in safety, security, environmental and social welfare on board vessels and ashore.

DryBMS-RISQ Video Series Course Catalog

JANUARY 2025

Mariner Skills, LLC.
822 N. A1A, Suite 310
Ponte Vedra Beach, FL 32082.



info@marinerskills.com
www.marinerskills.com



+ 1 914 682 9300



Table of Contents

Dry Bulk-Navigation	5
DBMV-2010-Bridge procedures and standards.....	5
DBMV-2021-BRM - Foundations and Passage Planning	5
DBMV-2022-BRM - Communication, Leadership, and Team Dynamics	5
DBMV-2031-Understanding Ice Types, Characteristics, and Distribution.....	5
DBMV-2032-Navigating Polar Ice and Low Temperatures.....	6
DBMV-2033-Ice Strengthening for Polar Ship Operations	6
DBMV-2034-Polar Crew Readiness - Safety and Working Conditions	6
DBMV-2041-Guide to Mooring and Anchoring Systems.....	6
DBMV-2042-Anchoring Procedures and Best Practices.....	6
DBMV-2043-Guide to Mooring and Berthing Procedures	7
DBMV-2051-Basics of Radio Communication at sea.....	7
DBMV-2052-IMO Standard Marine Communication Phrases (SMCP).....	7
DBMV-2053-GMDSS and INMARSAT Communication.....	7
DBMV-2054-VTS and SAR operation for ships.....	7
DBMV-2055-COSPAS-SARSAT based SAR operations	8
Dry Bulk-Cargo	8
DBMV-3011-Cargo Handling Regulations - Dangerous and Hazardous Substances.....	8
DBMV-3012-Challenges of carrying hazardous Cargoes and Structural Regulations	8
DBMV-3013-Cargo handling of hazardous substances in bulk and packaged form.....	8
DBMV-3014-Loading and Unloading of hazardous substances in bulk and packaged form	9
DBMV-3020-Cargo Operation-Bulk Grain Cargoes.....	9
DBMV-3031-Cellular Containers and the CSC Code	9
DBMV-3032-Cargohandling on Containerships	9
DBMV-3041-General Cargoes and their carriage on ships.....	10
DBMV-3042-Cargohandling on ships carrying General Cargoes.....	10
DBMV-3051-Cargo Handling Precautions and Seaworthiness.....	10
DBMV-3052-Certification and Safety of Cargo Equipment and Lifting Gears.....	10
DBMV-3053-Cargo Cranes and Self-Unloaders	11
DBMV-3061-Cargo Operations - Solid Bulk Cargo Other Than Grain.....	11
DBMV-3062-Loading and Unloading - Solid Bulk Cargoes other than Grain	11
DBMV-3063-Pre-loading Checks - Solid Bulk Cargoes other than Grain.....	11



DBMV-3070-Fumigation of Cargo holds.....	12
DBMV-3081-Carriage of Timber Cargoes.....	12
DBMV-3082-Safe Loading and transit of Timber Cargoes	12
DBMV-3101-Hatchcovers and their Weathertightness	12
DBMV-3102-Troubleshooting, Survey and Certification of Hatchcovers.....	13
DBMV-3103-Upkeep of Hydraulic oil and Hydraulic circuit equipment	13
DBMV-3104-Maintenance and Repairs of Hatchcovers	13
DBMV-3110-Carriage of Solid Bulk Cargoes other than Grains - IMSBC Code	13
DBMV-3120-Container ships and Liner Operations.....	14
DBMV-3130-Heavy Lift Cargoes	14
Dry Bulk-Safety.....	14
DBMV-4011-Understanding Cyber Security Threats	14
DBMV-4012-Cyber Security of Shipboard Systems.....	14
DBMV-4031-Preparing for Emergencies onboard.....	15
DBMV-4032-Crisis management in ship operations.....	15
DBMV-4041-Enclosed Space Hazards.....	15
DBMV-4042-Enclosed Space Entry.....	15
DBMV-4051-Basics of Helicopter Operation at Sea.....	16
DBMV-4052-Safety of Emergency Helicopter Operation at sea	16
DBMV-4061-Maritime Incidents and follow up protocols	16
DBMV-4062-Incident Reporting, investigation and training.....	16
DBMV-4071-Permit To Work.....	17
DBMV-4072-Application and Auditing of Lockout-Tagout procedures	17
DBMV-4080-Risk assessment and management.....	17
DBMV-4090-Safety officer training.....	17
Dry Bulk-Care for Persons	18
DBMV-5010-Discrimination, Sexual Harassment and Bullying	18
DBMV-5020-Drug and Alcohol Policies at Sea.....	18
DBMV-5031-Stress Management and Endurance onboard	18
DBMV-5032-Fatigue Management	18
DBMV-5041-Health awareness and keeping fit onboard.....	19
DBMV-5042-Medical care at sea	19
DBMV-5050-Hours of work and rest and the MLC.....	19
DBMV-5060-Mental Health for Seafarers	19



DBMV-5071-Seafarers' Rights and Terms of Employment.....	20
DBMV-5072-Crewing strategy, protection and code of conduct.....	20
Dry Bulk-Marine Engineering.....	20
DBMV-6011-Marine Auxiliary Boilers	20
DBMV-6012-Boiler mountings and operating systems	20
DBMV-6013-Boiler Automation and Safety Protections.....	21
DBMV-6031-Hydraulic Machinery onboard	21
DBMV-6032-Hydraulic Systems, Fittings and their upkeep.....	21
DBMV-6061-Know your Scrubber	21
DBMV-6062-Scrubber Technician.....	21
DBMV-6071-Fresh Water Generator	22
DBMV-6072-Potable Water Onboard	22
DBMV-6081-Fundamentals of shipboard pumping systems	22
DBMV-6082-Engineroom Pumps and Characteristics.....	22
DBMV-6083-Filtering Theory and applications	22
DBMV-6084-Filtering Challenges and Safety of Operations	22
DBMV-6085-Bilge and Ballast System Operations	23
DBMV-6086-Shipboard Piping Systems.....	23
DBMV-6090-Shipboard Ventilation and Engineroom Blowers and Fans	23
DBMS-6101-Steering Gear Room: Arrangements and Practices:.....	23
DBMV-6102-Steering Gear and Rudder Operation and Practices	23
DBMS-6110-Safe Working Practices for Engineers	24
DBMS-6120-Engine room watchkeeping.....	24
DBMV-6131-Compressed Air Storage and Supply System.....	24
DBMV-6132-Air Compressors and Operations onboard	24
DBMV-6133-Air Compressor Maintenance.....	24
DBMV-6140-Oil Purifiers onboard.....	24
DBMV-6171-Garbage Waste Management and Incinerator	25
DBMV-6172-Sewage Treatment Onboard.....	25
DBMV-6221-Understanding the Energy Efficiency Initiatives	25
DBMV-6222-Energy Efficiency Indexes and their applications.....	25
DBMV-6223-Ship Energy Efficiency Management Plan (SEEMP).....	26
DBMV-6224-Improving Energy Efficiency by ship operations and designs.....	26
DBMV-6231-Shipboard Energy Management- Hull and Propeller	26



DBMV-6232-Shipboard Energy Management- Machinery and Equipment	26
DBMV-6233-Shipboard Energy Management-Ship Maintenance.....	26
DBMV-6234-Shipboard Energy Management-Ship Operations.....	27
Dry Bulk-Management.....	27
DBMV-8011-A preparatory guide to shipboard Internal Audits.....	27
DBMV-8012-Internal Audit- planning focus, non-conformity and closeout	27
DBMV-8013-Port State Inspections	27
DBMV-8030-Fuel Management - LNG Fuels.....	28
DBMV-8041-Bunkering management on ships	28
DBMV-8042-Handling MARPOL 2020 Low Sulfur Fuel Oil onboard.....	28
DBMV-8043-Using Low Sulfur fuel- contamination, testing and treatment	28
DBMV-8051-Safety Management System and the ISM Code.....	29
DBMV-8052-Application of ISM Code and Risk Management	29
DBMV-8070-Pollution Prevention and Control - Oil	29
DBMV-8080-Pollution Prevention and Control - Air	29
DBMV-8090-Pollution Prevention and Control- Garbage	29
DBMV-8101-Pollution Prevention and Control - Ballast Water.....	30
DBMV-8102-BWM Plans, Regulations, Treatments and Trainings	30
DBMV-8110-Safety Culture improvement	30
DBMV-8121-SMS-Prevention of Fire on Bulk Carriers.....	31
DBMV-8122-SMS- Firefighting on Drybulk Vessels.....	31
DBMV-8131-SMS-Onboard Personal Wellbeing	31
DBMV-8132-SMS-Shipboard Hazards and Personal Safety	31
DBMV-8133-SMS-Emergency Preparations for Survival at sea	32
DBMV-8134-SMS-Abandon ship and survival at sea.....	32
DBMV-8140-SMS- Safe Working Practices.....	32
DBMS 8150-SMS - Lifesaving Appliances	32
DBMV-8161-Ship Security Management	33
DBMV-8162-Ship Hardening and Access Control for ship security	33
DBMV-8163-Ship Security Training and Drills.....	33
DBMV-8170-Prevention of Air Pollution by EGCS- Scrubbers.....	33



Course Catalog

Dry Bulk-Navigation

DBMV-2010-Bridge procedures and standards

This course is designed to provide maritime professionals with Knowledge, Understanding and Proficiency of bridge procedures and standards essential for effective and safe watch-keeping. Participants will learn about regulatory compliance, best Practices and the use of modern navigation aids to enhance operational efficiency and safety of navigation at sea.

The course:

- Follows Chapter V of SOLAS that deals with the safety of navigation and includes regulations on bridge design, equipment, and watchkeeping standards
- Addresses RiSQ 3.0 Section 3: Navigation; 2.6

DBMV-2021-BRM - Foundations and Passage Planning

This course focuses on the principles and practices of Bridge Resource Management (BRM), essential for the effective and safe operation of a ship's bridge team. Participants will learn to carryout passage planning in optimizing the use of bridge resources.

The course:

- Follows the STCW Code Section A-VIII/2; Section B-VIII/2, Part 3-1 for effective use of all resources available to the bridge team to ensure safe navigation
- Addresses RiSQ 3.0 Section 3: Navigation; 2.6

DBMV-2022-BRM - Communication, Leadership, and Team Dynamics

This course focuses on the principles and practices of Bridge Resource Management (BRM). Participants will learn to utilize bridge resources, enhance communication, assertiveness, leadership, and maintain situational awareness to ensure the safety and efficiency of maritime operations.

The course:

- Follows the STCW Code Section A-VIII/2; Section B-VIII/2, Part 3-1 for effective use of all resources available to the bridge team to ensure safe navigation
- Addresses RiSQ 3.0 Section 3: Navigation; 2.6

DBMV-2031-Understanding Ice Types, Characteristics, and Distribution

This course provides maritime professionals with the knowledge and skills required to identify the types of ice and ice characteristics, and the challenges in shiphandling and navigation. They understand the possible changes to the ice at sea and the potential hazards faced by the crew at sea.

The course:

- Follows the mandatory Polar Code requirements
- Addresses RiSQ 3.0 Section 16: Ice or Polar Water Operations, 16.19



DBMV-2032-Navigating Polar Ice and Low Temperatures

The course provides the knowledge and skills for safe and efficient operations and navigation in ice-covered polar waters. Participants will learn about vessel performance in ice, and the unique challenges posed by extreme cold environments.

The course:

- Follows the mandatory Polar Code requirements
- Addresses RiSQ 3.0 Section 16: Ice or Polar Water Operations, 16.19

DBMV-2033-Ice Strengthening for Polar Ship Operations

The course provides the knowledge and skills for safe and efficient operations and navigation in ice-covered passages. Participants will learn about vessel's ice-strengthening requirements and limitations based on ice conditions that are likely to be found in polar waters.

The course:

- Follows the mandatory Polar Code requirements
- Addresses RiSQ 3.0 Section 16: Ice or Polar Water Operations, 16.19

DBMV-2034-Polar Crew Readiness - Safety and Working Conditions

This course provides maritime professionals with the knowledge and skills required for being safe while in a polar passage. The course emphasizes crew preparation, safety procedures, and the use of specialized equipment to operate in these harsh conditions.

The course:

- Follows the mandatory Polar Code requirements
- Addresses RiSQ 3.0 Section 16: Ice or Polar Water Operations, 16.19

DBMV-2041-Guide to Mooring and Anchoring Systems

This course is designed to equip maritime professionals with the skills and knowledge required for effective and safe mooring and anchoring operations. Participants will learn about different Mooring and anchoring equipment and supporting hydraulics.

The course:

- Follows IMO Guidelines MSC.1/Circ.1619 : Design of mooring arrangements and the selection of appropriate mooring equipment and fittings for safe mooring
- Addresses RiSQ 3.0 Section Section 10: Mooring Operations; 2.6, and 10.7

DBMV-2042-Anchoring Procedures and Best Practices

This course is designed to equip maritime professionals with the skills and knowledge required for effective and safe anchoring operations. They will learn anchoring techniques and procedures as a best practice procedures for anchoring .

The course:

- Follows IMO Guidelines MSC.1/Circ.1619 : Design of mooring arrangements and the selection of appropriate mooring equipment and fittings for safe mooring
- Addresses RiSQ 3.0 Section Section 10: Mooring Operations; 2.6, and 10.7

DBMV-2043-Guide to Mooring and Berthing Procedures

This course is designed to equip maritime professionals with the skills and knowledge required for effective and safe mooring and berthing procedures. They will also learn about the factors influencing the choice of a safe anchorage and precautions for successful mooring maneuvers.

The course:

- Follows IMO Guidelines MSC.1/Circ.1619 : Design of mooring arrangements and the selection of appropriate mooring equipment and fittings for safe mooring
- Addresses RiSQ 3.0 Section Section 10: Mooring Operations; 2.6, and 10.7

DBMV-2051-Basics of Radio Communication at sea

This course is designed to provide the fundamental knowledge and skills in radio and communication procedures essential for safe and efficient ship operations.

The course:

- Follows IMO Resolution MSC.509(105): Provision of radio services for the GMDSS
- Addresses RiSQ 3.0 Section 11: Radio and Communication

DBMV-2052-IMO Standard Marine Communication Phrases (SMCP)

This course is designed to provide knowledge and skills in radio and communication protocols essential for safe and efficient ship operations, involving IMO Standard Marine Communication Phrases and the importance of SMCP in radio communications.

The course:

- Follows IMO Resolution MSC.509(105): Provision of radio services for the GMDSS
- Addresses RiSQ 3.0 Section 11: Radio and Communication

DBMV-2053-GMDSS and INMARSAT Communication

This course is designed to provide knowledge and skills about the Global Maritime Distress and Safety System (GMDSS), and the use of INMARSAT satellite system.

The course:

- Follows IMO Resolution MSC.509(105): Provision of radio services for the GMDSS
- Addresses RiSQ 3.0 Section 11: Radio and Communication

DBMV-2054-VTS and SAR operation for ships

This course is designed to provide knowledge and skills about the VTS and SAR system. It discusses the maritime safety information, vessel traffic system and the Search and Rescue operations including the ship reporting system.

The course:

- Follows IMO Resolution MSC.509(105): Provision of radio services for the GMDSS

- Addresses RiSQ 3.0 Section 11: Radio and Communication

DBMV-2055-COSPAS-SARSAT based SAR operations

The course details the COSPAS-SARSAT-based SAR operations and the use of EPIRB, AIS, Ship Security Alert and the IAMSAR arrangements for rescue efforts at sea.

The course:

- Follows IMO Resolution MSC.509(105): Provision of radio services for the GMDSS
- Addresses RiSQ 3.0 Section 11: Radio and Communication

Dry Bulk-Cargo

DBMV-3011-Cargo Handling Regulations - Dangerous and Hazardous Substances

The course is based on the carriage requirements of Dangerous and Hazardous Substances and discusses the regulatory requirements of the IMDG Code; IMSBC Code; and INF Code in handling such cargoes.

The course:

- Follows the IMO-STCW Section B-V/b: Ships carrying dangerous and hazardous substances in solid form in bulk and Section B-V/c: Ships carrying dangerous and hazardous substances in packaged form
- Addresses RiSQ 3.0 Section 8A: Cargo Operation- Solid Bulk Cargo other than Grain; and Section 8C: Cargo Operation- General Cargo; 2.7 and Sec 8A-8.10-8.19

DBMV-3012-Challenges of carrying hazardous Cargoes and Structural Regulations

The course provides guidance for cargo handling of dangerous cargoes in packaged and bulk form, being carried on General Cargo and Multipurpose Ships including RO-RO vessels and Bulk Carriers.

The course:

- Follows the IMO-STCW Section B-V/b: Ships carrying dangerous and hazardous substances in solid form in bulk and Section B-V/c: Ships carrying dangerous and hazardous substances in packaged form
- Addresses RiSQ 3.0 Section 8A: Cargo Operation- Solid Bulk Cargo other than Grain; and Section 8C: Cargo Operation- General Cargo; 2.7 and Sec 8A-8.10-8.19

DBMV-3013-Cargo handling of hazardous substances in bulk and packaged form

The course explores the safe handling, stowage, and transportation of dangerous cargo at sea. The course highlights key hazards, regulatory requirements, and lessons learned from past incidents to enhance safe cargo operations and risk management.

The course:

- Follows the IMO-STCW Section B-V/b: Ships carrying dangerous and hazardous substances in solid form in bulk and Section B-V/c: Ships carrying dangerous and hazardous substances in packaged form



- Addresses RiSQ 3.0 Section 8A: Cargo Operation- Solid Bulk Cargo other than Grain; and Section 8C: Cargo Operation- General Cargo; 2.7 and Sec 8A-8.10-8.19

DBMV-3014-Loading and Unloading of hazardous substances in bulk and packaged form

The course focuses on the safe handling, stowage, and transport of hazardous cargoes, addressing the risks involved in bulk and packaged shipments. The course covers regulatory compliance, hazard mitigation, and best practices, with insights drawn from real-life incidents to enhance safety and operational efficiency.

The course:

- Follows the IMO-STCW Section B-V/b: Ships carrying dangerous and hazardous substances in solid form in bulk and Section B-V/c: Ships carrying dangerous and hazardous substances in packaged form
- Addresses RiSQ 3.0 Section 8A: Cargo Operation- Solid Bulk Cargo other than Grain; and Section 8C: Cargo Operation- General Cargo; 2.7 and Sec 8A-8.10-8.19

DBMV-3020-Cargo Operation-Bulk Grain Cargoes

This course provides knowledge and skills for safe and efficient transportation of bulk grain cargoes. The course covers critical topics such as stability calculations, grain heeling moments, and the preparation of holds, alongside effective methods for securing grain and preventing cargo shifting.

The course:

- Builds upon the regulatory frameworks of SOLAS Chapter VI and the IMO Grain Code
- Addresses the RiSQ 3.0 Questionnaire Section 8B: Cargo Operation- Bulk Grain; Sec 8B - 8.1

DBMV-3031-Cellular Containers and the CSC Code

This course is designed to train maritime professionals for effective and safe management of containerized cargo. Participants will explore various types of containers, including refrigerated units, and know the marking, identification, and containerization process.

The course:

- Follows the IMO-International Convention for Safe Containers (CSC)
- Addresses the RiSQ 3.0 Questionnaire Section 8D: Cargo Operation- Cellular Container Ships; Sec 8D - 8.27

DBMV-3032-Cargohandling on Containerships

The course covers the operational aspects of container stowage, and the use of container handling equipment. Additionally, the course delves into the manufacturing, maintenance, and ownership versus leasing of containers.

The course:

- Follows the IMO-International Convention for Safe Containers (CSC)



- Addresses the RiSQ 3.0 Questionnaire Section 8D: Cargo Operation- Cellular Container Ships; Sec 8D - 8.27

DBMV-3041-General Cargoes and their carriage on ships

This course is designed for maritime professionals for efficient and safe handling of general cargo on multipurpose vessels. Participants will study the types of general cargo ships and their requirements for carriage.

The course:

- Follows the regulatory frameworks of SOLAS Chapter VI
- Addresses the RiSQ 3.0 Questionnaire Section 8C: Cargo Operation- General Cargo; Sec 8C - 8.15

DBMV-3042-Cargohandling on ships carrying General Cargoes

The course covers general cargo loading procedures, and the steps in preparing cargo holds. It also includes shipping documents, stowage techniques, and the principles of maintaining ship stability during cargo operations.

The course:

- Follows the regulatory frameworks of SOLAS Chapter VI
- Addresses the RiSQ 3.0 Questionnaire Section 8C: Cargo Operation- General Cargo; Sec 9A/9.1-9.17

DBMV-3051-Cargo Handling Precautions and Seaworthiness

This course is designed to provide the knowledge and skills required for safe and efficient use of cargo handling gear and equipment. Participants will learn about cargo-handling safety practices, including visual inspections, and maintaining seaworthiness during operations.

The course:

- References SOLAS regulation II-1/3-13 on lifting appliances and anchor handling winches
- Addresses the RiSQ 3.0 Questionnaire Section 8E: Cargo Operation- Self-Unloading Transshipment; Sec 9A/9.1-9.17

DBMV-3052-Certification and Safety of Cargo Equipment and Lifting Gears

This course is designed to highlight the importance of safe working loads and its importance. The course covers maintenance of cargo-handling gear, such as slings, pallets, and lifting appliances, with a focus on complying with statutory requirements and testing.

The course:

- References SOLAS regulation II-1/3-13 on lifting appliances and anchor handling winches
- Addresses the RiSQ 3.0 Questionnaire Section 8E: Cargo Operation- Self-Unloading Transshipment; Sec 9A/9.1-9.17



DBMV-3053-Cargo Cranes and Self-Unloaders

The course includes all types of cargo cranes and their hydraulic principles. The course offers insight into container handling equipment, like gantry cranes and the operation of self-unloading systems.

The course:

- References SOLAS regulation II-1/3-13 on lifting appliances and anchor handling winches
- Addresses the RiSQ 3.0 Questionnaire Section 8E: Cargo Operation- Self-Unloading Transshipment; Sec 9A/9.1-9.17

DBMV-3061-Cargo Operations - Solid Bulk Cargo Other Than Grain

This course is designed to provide the essential knowledge and skills needed for the safe and efficient handling of solid bulk cargoes other than grain. Participants will learn about the main hazards associated with solid bulk cargoes and the precautions to mitigate these risks.

The course:

- Follows the IMO Code of Practice for the Safe Loading and Unloading of Bulk Carriers (BLU Code)
- Addresses the RiSQ 3.0 Questionnaire Section 8A: Cargo Operation- Solid Bulk Cargo other than Grain; Sec 8A-8.10-8.19

DBMV-3062-Loading and Unloading - Solid Bulk Cargoes other than Grain

It details the bulk carrier loading following the BLU Code. It discusses the loading and unloading procedures for coal, cement, sulfur and timber as deck cargo, etc. including the cargo calculations, and the use of stability and trim diagrams for loading operations..

The course:

- Follows the IMO Code of Practice for the Safe Loading and Unloading of Bulk Carriers (BLU Code)
- Addresses the RiSQ 3.0 Questionnaire Section 8A: Cargo Operation- Solid Bulk Cargo other than Grain; Sec 8A-8.10-8.19

DBMV-3063-Pre-loading Checks - Solid Bulk Cargoes other than Grain

This course is designed to provide the essential knowledge and skills needed for the safe and efficient handling of solid bulk cargoes other than grain, primarily focusing on hold cleaning procedures, and highlighting the importance of proper documentation and communication between ship and shore.

The course:

- Follows the IMO Code of Practice for the Safe Loading and Unloading of Bulk Carriers (BLU Code)
- Addresses the RiSQ 3.0 Questionnaire Section 8A: Cargo Operation- Solid Bulk Cargo other than Grain; Sec 8A-8.10-8.19



DBMV-3070-Fumigation of Cargo holds

Cargo fumigation is a process that ensures the safe and uncontaminated transport of goods by eliminating pests and insects that threaten the integrity of cargo during transit. This course covers the principles of fumigation, and its application in grain operations and covers various fumigation methods and safety considerations.

The course:

- Follows the IMO Recommendations on the Safe Use of Pesticides in Ships Applicable to the Fumigation of Cargo Holds.
- Addresses the RiSQ 3.0 Questionnaire Section 8B: Cargo Operation- Bulk Grain; 8.18, 8.19, 8.21
- Addresses the RiSQ 3.0 Questionnaire Section 8C: Cargo Operation- General Cargo

DBMV-3081-Carriage of Timber Cargoes

This course is designed to equip maritime professionals with the knowledge and skills for the safe and efficient handling of timber cargoes. Participants will learn the characteristics of timber cargo, the loading requirements, including unobstructed view from the bridge.

The course:

- Follows the IMO Code of Safe Practice for Ships Carrying Timber Deck Cargoes (TDC Code)
- Addresses the RiSQ 3.0 Questionnaire Section 8C: Cargo Operation- General Cargo; 8C - 8.16

DBMV-3082-Safe Loading and transit of Timber Cargoes

This course is designed to equip maritime professionals with the knowledge and skills for the safe and efficient handling of timber cargoes. The course covers aspects of stowage, lashing, and safety during transit.

The course:

- Follows the IMO Code of Safe Practice for Ships Carrying Timber Deck Cargoes (TDC Code)
- Addresses the RiSQ 3.0 Questionnaire Section 8C: Cargo Operation- General Cargo; 8C - 8.16

DBMV-3101-Hatchcovers and their Weathertightness

The Hatch Cover inspection and maintenance course focuses on safe operation, inspection, and maintenance of hatch covers and lifting appliances, ensuring vessel safety, cargo protection, and compliance with industry standards. This course details the hatchcover types and their weathertightness arrangements, including the testing.

The course:

- Follows the IMO Code of Safe Practice for Cargo Stowage and Securing (CSS Code) and the IACS Unified Requirements (UR) for hatch covers
- Addresses the RiSQ 3.0 Questionnaire Section 9A: Hatch Cover and Lifting Appliances; Sec 9A - 9.2



DBMV-3102-Troubleshooting, Survey and Certification of Hatchcovers

The proper functioning and maintenance of the critical components are essential to maintaining a seaworthy vessel and preventing water ingress, cargo damage, or accidents during lifting operations. including the appropriate actions if cargo is lost overboard.

The course:

- Follows the IMO Code of Safe Practice for Cargo Stowage and Securing (CSS Code) and the IACS Unified Requirements (UR) for hatch covers
- Addresses the RiSQ 3.0 Questionnaire Section 9A: Hatch Cover and Lifting Appliances; Sec 9A - 9.2

DBMV-3103-Upkeep of Hydraulic oil and Hydraulic circuit equipment

The course discusses the detail of Hydraulic oil and Hydraulic circuit equipment with all the precautions and maintenance required for the hydraulic oil. It also details the filters, strainers and the hydraulic hose systems, and prevention of contamination of the hydraulic oil,

The course:

- Follows the IMO Code of Safe Practice for Cargo Stowage and Securing (CSS Code) and the IACS Unified Requirements (UR) for hatch covers
- Addresses the RiSQ 3.0 Questionnaire Section 9A: Hatch Cover and Lifting Appliances; Sec 9A - 9.2

DBMV-3104-Maintenance and Repairs of Hatchcovers

The course discusses the maintenance of Hatchcovers, including claims for damage. It also details the maintenance and repairs of structure, leakage and securing structure failures.

The course:

- Follows the IMO Code of Safe Practice for Cargo Stowage and Securing (CSS Code) and the IACS Unified Requirements (UR) for hatch covers
- Addresses the RiSQ 3.0 Questionnaire Section 9A: Hatch Cover and Lifting Appliances; Sec 9A - 9.2

DBMV-3110-Carriage of Solid Bulk Cargoes other than Grains - IMSBC Code

This course is designed to provide a comprehensive understanding of the safe carriage of solid bulk cargoes in accordance with the IMSBC Code. Participants will know the basics of solid bulk cargoes, including concepts such as the angle of repose, Flow Moisture Point (FMP), Flow State, and the Transportable Moisture Limit (TML). The course discusses the carriage of coal and other solid bulk cargoes.

The course:

- Follows the application of Common Structural Rules (CSR)
- Addresses the RiSQ 3.0 Questionnaire Section 8A: Cargo Operation- Solid Bulk Cargo other than Grain; Sec 8A - 8.1-8.9

DBMV-3120-Container ships and Liner Operations

This course offers an understanding of container ships and the intricacies of liner operations in global trade. Participants will explore the various types and sizes of container ships, including the mega container ships. The course covers topics such as liner service strategies, the regulatory framework governing liner shipping, and the strategic importance of liner operations. It delves into the influence of mega container ships on maritime logistics, including their effects on supply chains and port infrastructure.

The course:

- Follows the IMO-International Convention for Safe Containers (CSC)
- Addresses the RiSQ 3.0 Questionnaire Section 8D: Cargo Operation- Cellular Container Ships; Sec 8D - 8.27

DBMV-3130-Heavy Lift Cargoes

This course is designed to provide maritime professionals with the essential knowledge and skills required for the safe and effective handling of heavy lift cargoes. Participants will learn about the challenges of transporting heavy lift items and the techniques needed to secure and distribute these loads. The course covers topics such as the use of dunnage, load density calculations, and the principles of load distribution. Additionally, the course includes cargo securing techniques, the rigging of heavy lift derricks, and the identification of hazards associated with heavy lift operations.

The course:

- Follows the guidelines of the UK P&I Club and AGCS on how to carry heavy-lift and project cargo safely at sea.
- Addresses the RiSQ 3.0 Questionnaire Section 8C: Cargo Operation- General Cargo; Sec 8C - 8.14

Dry Bulk-Safety

DBMV-4011-Understanding Cyber Security Threats

This course is designed to provide maritime professionals with a comprehensive understanding of cyber security principles and practices specific to the maritime industry. Participants will explore the cyber security challenges faced by maritime operations, including legal aspects, vulnerabilities of shipboard systems, and effective defense strategies.

The course:

- Follows the IMO Resolution MSC.428(98) and BIMCO for cyber risk management.
- Addresses the RiSQ 3.0 Questionnaire Section 12: Security; 12.7

DBMV-4012-Cyber Security of Shipboard Systems

This course is designed to provide maritime professionals with a comprehensive understanding of cyber security principles and practices specific to the maritime industry. It discusses various types of attacks including ransom ware and risk management procedures and defensive strategies that can be applied in combating a cyber threat on ships.



The course:

- Follows the IMO Resolution MSC.428(98) and BIMCO for cyber risk management.
- Addresses the RiSQ 3.0 Questionnaire Section 12: Security; 12.7

DBMV-4031-Preparing for Emergencies onboard

This course provides an in-depth exploration of emergency planning, focusing on the implementation of the ISM Code. Through the study of international safety regulations, and practical case studies, this course helps effectively plan, prepare for, and respond to emergencies at sea; optimizing resource utilization, situational awareness, and developing strong leadership for managing high-stress situations.

The course:

- Follows the IMO Resolution A.1072(28): for a structure of an integrated system of contingency planning for shipboard emergencies
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.12

DBMV-4032-Crisis management in ship operations

Crisis management goes a step further from the preparation for emergencies onboard; this is after an incident or accident happens and the ways to mitigate such a crisis. The course discusses the various aspects of crisis at sea, using interesting case studies that provide an insight in managing such events.

The course:

- Follows the IMO Resolution A.1072(28): for a structure of an integrated system of contingency planning for shipboard emergencies
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.12

DBMV-4041-Enclosed Space Hazards

This course is designed to provide maritime professionals with the knowledge and skills required to understand the hazards associated with confined space, and the regulatory requirements, including risk assessment and necessary precautions to ensure safe entry to the enclosed space.

The course:

- Follows the IMO Resolution A.1050(27): recommendations for entering enclosed spaces aboard ships
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.5, 4.6, 4.32

DBMV-4042-Enclosed Space Entry

This course is designed to provide maritime professionals with the knowledge and skills necessary to safely enter the enclosed spaces on ships. Participants will learn about the precautions and procedures to ensure crew safety and the use of personal protective equipment (PPE), atmospheric testing, including a rescue operations, as needed.

The course:

- Follows the IMO Resolution A.1050(27): recommendations for entering enclosed spaces aboard ships



- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.5, 4.6, 4.32

DBMV-4051-Basics of Helicopter Operation at Sea

This course is designed to provide maritime professionals with the essential knowledge and skills required for the safe and efficient operation of helicopters at sea. Participants will learn about the different types of helicopters used in offshore operations, regulatory requirements, standard operating procedures, and safety precautions.

The course:

- Follows the SOLAS Regulation 18 - Helicopter facilities and Reg.III/28
- Follows the ICS Guide to Helicopter/Ship Operations and the IAMSAR and CAP437 Standards for Offshore Helicopter Landing Areas.
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.9, 4.38, 4.39, 4.41

DBMV-4052-Safety of Emergency Helicopter Operation at sea

This course is designed to provide maritime professionals with the essential knowledge and skills required for the safe and efficient operation of helicopters at sea. The course covers communication protocols, weather management, and contingency planning to ensure successful helicopter operations and presents a case study toward depicting a real-life onboard scenario of helicopter rescue operation.

The course:

- Follows the SOLAS Regulation 18 - Helicopter facilities and Reg.III/28
- Follows the ICS Guide to Helicopter/Ship Operations and the IAMSAR and CAP437 Standards for Offshore Helicopter Landing Areas.
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.9, 4.38, 4.39, 4.41

DBMV-4061-Maritime Incidents and follow up protocols

This course is designed to provide maritime professionals with the knowledge and skills for incident reporting and investigation within the maritime industry. It discusses the Casualty Investigation Code and the basic protocols of accident investigation and investigation including media response and obligations that a shipping company must bear.

The course:

- Follows the provisions of the SOLAS 1974 regulations I/21 (b) and XI-1/6, MARPOL articles 8 & 12 and LL 1966/1988 article 23: The reporting to IMO of marine casualties and incidents, including marine safety investigations
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 10.2

DBMV-4062-Incident Reporting, investigation and training

This course is designed to provide maritime professionals with the knowledge and skills necessary for effective incident reporting, investigation, and training within the maritime industry. Participants will learn the on-site assessment and risk management of accident investigation, including preparation, evidence collection, interviewing techniques, and human factors analysis.



The course:

- Follows the provisions of the SOLAS 1974 regulations I/21 (b) and XI-1/6, MARPOL articles 8 & 12 and LL 1966/1988 article 23: The reporting to IMO of marine casualties and incidents, including marine safety investigations
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 10.2

DBMV-4071-Permit To Work

This course is designed to provide maritime professionals with an understanding of Permit-to-Work (PTW) systems, which are essential for ensuring safe work practices in hazardous environments.

The course:

- Follows the Code of Safe Working Practices for Merchant Seafarers (COSWP), MCA and 29 CFR Part 1910 Occupational safety and health standards, USA
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.7, 4.8

DBMV-4072-Application and Auditing of Lockout-Tagout procedures

On this course, participants will learn the purpose, objectives, and components of work permits, as well as the procedures for issuing, authorizing, and managing permits. The course covers training, competency requirements, and regulatory compliance, along with real-life case studies.

The course:

- Follows the Code of Safe Working Practices for Merchant Seafarers (COSWP), MCA and 29 CFR Part 1910 Occupational safety and health standards, USA
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.7, 4.8

DBMV-4080-Risk assessment and management

This course is designed to provide maritime professionals with the skills and knowledge necessary for effective risk assessment and management within the maritime industry. Participants will learn about regulatory requirements, risk management systems, and various techniques for assessing and analyzing risks. The course emphasizes practical application of risk management methodologies in different areas, including cargo handling.

The course:

- Follows the Guidance Notes on Risk assessment applications for the marine and offshore industries by ABS
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.2

DBMV-4090-Safety officer training

This course is designed to provide maritime professionals with the knowledge and skills necessary to perform effectively as a Ship Safety Officer. Participants will learn about the requirements of the ISM code, roles and responsibilities, hazard identification, risk assessment, and methods to enhance safety culture on board. The course also covers accident investigation, safety management system auditing, and the organization of safety training and drills.

The course:



- Follows the STCW Code 2010 Table A-II/2 & A-III/2 Training guidelines for the Ship Safety Officer
- Addresses the RiSQ 3.0 Questionnaire Section 4: ISM System; 4.2

Dry Bulk-Care for Persons

DBMV-5010-Discrimination, Sexual Harassment and Bullying

This course is designed to provide maritime professionals with an understanding of discrimination, sexual harassment, and bullying in the maritime industry. Participants will learn about the prevalence and effects of these issues, as well as strategies for prevention and response. The course covers legal frameworks, grievance procedures, and the roles and responsibilities of seafarers and shipping companies in fostering a safe and respectful workplace.

The course:

- Follows the IMO/ILO Maritime Labour Convention, 2006.
- Addresses the RiSQ 3.0 Questionnaire Section 2: Certification and personnel management and Section 15: Health and Welfare of Seafarers; Sec 15 and 2.5

DBMV-5020-Drug and Alcohol Policies at Sea

This course is designed to provide an understanding of the risks associated with drug and alcohol use, and the effective management of these issues on board ships. Students learn about the effects of substance abuse, and the procedures for testing and handling such cases. It emphasizes education, training, and awareness to promote a healthy working environment at sea.

The course:

- Follows STCW Convention, Section A-VIII/1: Fitness for Duty.
- Addresses the RiSQ 3.0 Questionnaire Section 2: Certification and personnel management and Section 4: ISM System; 2.9 - 2.12

DBMV-5031-Stress Management and Endurance onboard

This course is designed to provide maritime professionals with an understanding of stress, their causes and relationship with fatigue, and how to effectively manage them on board ships. Participants will learn about the risk factors associated with endurance capabilities due to stress onboard.

The course:

- Follows IMO Circular MSC.1/Circ.1598: Guidelines on fatigue
- Addresses the RiSQ 3.0 Questionnaire Section 2: Certification and personnel management and Section 15: Health and Welfare of Seafarers; 2.5

DBMV-5032-Fatigue Management

This course is designed to provide maritime professionals with an understanding of fatigue and their causes, and how to effectively manage this on board ships. Participants will learn about the principles of fatigue management, including ergonomics and sleep cycles and life style changes that helps to deal with fatigue.



The course:

- Follows IMO Circular MSC.1/Circ.1598: Guidelines on fatigue
- Addresses the RiSQ 3.0 Questionnaire Section 2: Certification and personnel management and Section 15: Health and Welfare of Seafarers; 2.5

DBMV-5041-Health awareness and keeping fit onboard

This course is designed to provide maritime professionals with a comprehensive understanding of health awareness for seafarers. Participants will learn about international health regulations, the roles of various stakeholders, and best practices for maintaining health and well-being.

The course:

- Follows the STCW Convention -Table A-VI/4-2: Provision of medical care and MLC convention: Medical care and access to medical facilities on shore for the seafarer.
- Addresses the RiSQ 3.0 Section 15: Health and Welfare of Seafarers; 15.2, 15.3, 15.6

DBMV-5042-Medical care at sea

This course is designed to provide maritime professionals with an understanding of medical care that is available for seafarers onboard. This covers medical procedures, the management of common maritime injuries and illnesses, and the application of risk management principles to health risks.

The course:

- Follows the STCW Convention -Table A-VI/4-2: Provision of medical care and MLC convention: Medical care and access to medical facilities on shore for the seafarer.
- Addresses the RiSQ 3.0 Section 15: Health and Welfare of Seafarers; 15.2, 15.3, 15.6

DBMV-5050-Hours of work and rest and the MLC

This course provides maritime professionals with a comprehensive understanding of the Maritime Labour Convention (MLC) and the regulations regarding hours of work and rest for seafarers. Participants will learn about seafarers' rights, legal frameworks, and implementation of these regulations to control crew fatigue. The course discusses responsibilities of senior officers, compliance and enforcement procedures.

The Course:

- Follows MLC, 2006 as adopted by the 94th Session of the International Labour Conference (ILC) on 23 February 2006.
- Addresses the RiSQ 3.0 Questionnaire Section 2: Certification and personnel management and Section 15: Health and Welfare of Seafarers; 2.5

DBMV-5060-Mental Health for Seafarers

This course is designed to address the challenges in maintaining mental well-being in a demanding and often isolated environment. This course provides an understanding of workplace health awareness, stress and fatigue management, and the recognition and management of anxiety and depression. Participants will learn to cultivate a healthy mindset, essential for resilience in the face of adversity. It discusses the critical role of organizations in supporting mental health on board ships, emphasizing shared responsibilities.

The course:

- Follows the STCW Convention -Table A-VI/4-2 : Provision of medical care and MLC convention: Medical care and access to medical facilities on shore for the seafarer.
- Addresses the RiSQ 3.0 Questionnaire Section 15: Health and Welfare of Seafarers; 15.10, 15.12

DBMV-5071-Seafarers' Rights and Terms of Employment

This course is designed to provide maritime professionals with a thorough understanding of seafarers' rights and welfare. Participants will learn about the commitment required from shipowners and operators, and the strategies for ensuring fair terms of employment and wellbeing for seafarers.

The course:

- Follows MLC, 2006 as adopted by the 94th Session of the International Labour Conference (ILC) on 23 February 2006.
- Addresses the RiSQ 3.0 Questionnaire Section 2: Certification and personnel management and Section 15: Health and Welfare of Seafarers; 2.5

DBMV-5072-Crewing strategy, protection and code of conduct

The course Participants will learn about the Code of Conduct, and the strategies for ensuring wellbeing of seafaring crews. The course covers comprehensive strategies for crew protection, grievance handling, and the implementation and auditing of the Code of Conduct.

The course:

- Follows MLC, 2006 as adopted by the 94th Session of the International Labour Conference (ILC) on 23 February 2006.
- Addresses the RiSQ 3.0 Questionnaire Section 2: Certification and personnel management and Section 15: Health and Welfare of Seafarers; 2.5

Dry Bulk-Marine Engineering

DBMV-6011-Marine Auxiliary Boilers

This course describes various types of auxiliary low pressure boilers, both firetube and water tube types and smaller coil type package boilers which covers all shipboard auxiliary and exhaust gas boilers.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.20; 13.30

DBMV-6012-Boiler mountings and operating systems

The course focuses on boiler mountings and boiler operations, including boiler water chemistry and their safe operations.

The course:



- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.20; 13.30

DBMV-6013-Boiler Automation and Safety Protections

The course describes the boiler control and automation systems for controlling steam pressure and water levels including the safety cutouts for abnormal running conditions.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.20; 13.30

DBMV-6031-Hydraulic Machinery onboard

The course describes various hydraulic system application onboard ships that includes engineroom systems, deck machineries and various types of cargo cranes and ramps as used on RO-RO and bulk carrier ships.

The course:

- Follows STCW: Regulation III/2, III/3
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.20; 13.30

DBMV-6032-Hydraulic Systems, Fittings and their upkeep

The course examines the maintenance, operation, and troubleshooting of hydraulic systems onboard, in particular for bulk carriers and General Cargo ships.

The course:

- Follows STCW: Regulation III/2, III/3
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.20; 13.30

DBMV-6061-Know your Scrubber

The course describes various types of shipboard scrubbers and their operational limitations and challenges. It also describes the environmental impact of using scrubber systems on ships.

The course:

- Follows STCW: Regulation III/2, III/3
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.1; Section 5: Pollution Prevention and Control

DBMV-6062-Scrubber Technician

The course offers knowledge on the installation, maintenance, and regulation of exhaust gas scrubbers, crucial for pollution prevention and adherence to maritime emission standards.

The course:

- Follows STCW: Regulation III/2, III/3
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.1; Section 5: Pollution Prevention and Control

DBMV-6071-Fresh Water Generator

The course describes the production of freshwater onboard ships from seawater using vacuum distillation and membrane type FW Generators.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.3

DBMV-6072-Potable Water Onboard

The course focuses on the operation and maintenance of shipboard potable water systems, ensuring compliance with health and safety standards.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.3

DBMV-6081-Fundamentals of shipboard pumping systems

The course provides in-depth knowledge on the layout, operation, and maintenance of engineroom pumping systems, adhering to industry standards.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.1;13.29; 13.31

DBMV-6082-Engineroom Pumps and Characteristics

The course provides in-depth knowledge about engineroom pumps and explains their operational characteristics and applications onboard.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.1;13.29; 13.31

DBMV-6083-Filtering Theory and applications

The course describes various types of filters and their operating principles as part of the engineroom pumping systems.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.1;13.29; 13.31

DBMV-6084-Filtering Challenges and Safety of Operations

The course details the necessary upkeep measures for pumping system filters to maintain safety of the pumping system operations onboard.



The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.1;13.29; 13.31

DBMV-6085-Bilge and Ballast System Operations

The course describes the shipboard the shipboard bilge and ballast systems and their operating functions.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.1;13.29; 13.31

DBMV-6086-Shipboard Piping Systems

The course describes various piping systems including fuel bunkering, steam distribution and firefighting systems and others.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.1;13.29; 13.31

DBMV-6090-Shipboard Ventilation and Engineroom Blowers and Fans

Discusses ventilation systems, including blowers and fans used to maintain safe and efficient working environment in engineroom.

The course:

- Follows STCW: Regulation III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.15

DBMS-6101-Steering Gear Room: Arrangements and Practices:

The course covers the steering gear arrangements of various types of steering gears and their safe operations.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.30;13.26;13.37

DBMV-6102-Steering Gear and Rudder Operation and Practices

The course describes steering operations in various modes and explains the steering ram and rudder assembly and its function in safe vessel operation.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.30;13.26;13.37



DBMS-6110-Safe Working Practices for Engineers

The course covers essential work hazards and safe working practices for engineers, ensuring compliance with regulatory and safety codes onboard ships.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.2;13.30; 13.12; 13.22
- Addresses the Code of Safe Working Practices for Merchant Seafarers, MCA

DBMS-6120-Engine room watchkeeping

The course provides the necessary skills for effective engine room watchkeeping, including UMS operations, ensuring safe engine operations, regular plant upkeep and adherence to MLC and STCW regulations.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.1; 13.6

DBMV-6131-Compressed Air Storage and Supply System

The course describes air compressor systems as used for main and emergency purposes, ensuring compliance with operational standards.

The course:

- Follows STCW: Regulation III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.3

DBMV-6132-Air Compressors and Operations onboard

The course focuses on the operational aspects of the air compressors used for main and emergency purposes onboard.

The course:

- Follows STCW: Regulation III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.3

DBMV-6133-Air Compressor Maintenance

The course focuses on the maintenance procedures of the air compressors used for main and emergency purposes onboard.

The course:

- Follows STCW: Regulation III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.3

DBMV-6140-Oil Purifiers onboard

The course examines the principles and practices of handling purifiers and fuel oil systems, critical for shipboard fuel management.

The course:

- Follows STCW: Regulation III/4, III/5.
- Addresses RightShip RiSQ3.0-Section 13: Machinery Space; 13.3

DBMV-6171-Garbage Waste Management and Incinerator

The course describes the operation of shipboard incinerators and waste management systems toward pollution prevention.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control

DBMV-6172-Sewage Treatment Onboard

The course focuses on the operation of shipboard sewage systems, crucial for waste management and pollution prevention.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control

DBMV-6221-Understanding the Energy Efficiency Initiatives

The course provides insight into various energy efficiency practices onboard, focusing on reducing fuel consumption and harmful emissions in improving the environmental footprint of vessel operations.

The course:

- Follows STCW: Regulation III/2, III/3.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control

DBMV-6222-Energy Efficiency Indexes and their applications

The course provides insight into various energy efficiency indexes focusing on reducing fuel consumption and harmful emissions in improving the environmental footprint of vessel operations.

The course:

- Follows STCW: Regulation III/2, III/3.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control



DBMV-6223-Ship Energy Efficiency Management Plan (SEEMP)

The course provides insight into Ship Energy Efficiency Management Plan (SEEMP), using various energy efficiency measures focusing on reducing fuel consumption and harmful emissions.

The course:

- Follows STCW: Regulation III/2, III/3.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control

DBMV-6224-Improving Energy Efficiency by ship operations and designs

The course provides insight into improving the Energy Efficiency by optimizing vessel operational techniques and utilizing innovative designs toward reducing fuel consumption and harmful emissions.

The course:

- Follows STCW: Regulation III/2, III/3.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control

DBMV-6231-Shipboard Energy Management- Hull and Propeller

The course discusses energy management, focusing on reducing skin friction, especially via hull and propeller treatments.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control

DBMV-6232-Shipboard Energy Management- Machinery and Equipment

The course discusses energy management, focusing on reducing consumption of fuel from machinery and equipment operation, and utilizing new energy-saving equipment designs.

The course:

- Follows STCW: Regulation III/2, III/3.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control

DBMV-6233-Shipboard Energy Management-Ship Maintenance

The course offers practical knowledge on managing energy systems onboard ships, via optimized and regular maintenance practices to reduce fuel consumption.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.



- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control

DBMV-6234-Shipboard Energy Management-Ship Operations

The course discusses managing energy systems onboard ships, via optimized vessel operation e.g., voyage routing and reduced speed operations to reduce fuel consumption.

The course:

- Follows STCW: Regulation III/2, III/3, III/4, III/5.
- Addresses RightShip RiSQ3.0- Section 13: Machinery Space; 13.3 and Section 5: Pollution Prevention and Control

Dry Bulk-Management

DBMV-8011-A preparatory guide to shipboard Internal Audits

This course is designed to provide knowledge and skills necessary for conducting effective internal audits on board ships. Participants will learn about the importance of internal audits, and the processes for planning, preparation, performance, reporting, and follow-up.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.3

DBMV-8012-Internal Audit- planning focus, non-conformity and closeout

In this course, participants will learn about the internal audits and in performing the audit. The course covers various types of audits, regulatory compliance, communication challenges, and the significance of addressing non-conformities to enhance operational efficiency.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.3

DBMV-8013-Port State Inspections

Port State Inspections provides a comprehensive understanding of Port State Control (PSC) processes, targeting, and inspection types. The course highlights real-world case studies on detention causes and outlines corrective actions to ensure compliance and operational readiness.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.3



DBMV-8030-Fuel Management - LNG Fuels

This course provides the knowledge and skills in the management of LNG (Liquefied Natural Gas) as a marine fuel. The course explores the fundamentals of LNG, including natural gas and shale gas. The course discusses LNG fuel systems, including the design, installation, and operation of LNG bunker tanks, piping systems, and valves. The course describes LNG bunkering procedures, safety protocols, and emergency shutdown systems, with emphasis on risk management and underscores the importance of crew training for LNG bunkering operations.

The course:

- Follows the IMO regulatory frameworks of MARPOL Annex VI, and the IGF Code.
- Addresses the RiSQ 3.0 Section 7B: Fuel Management (LNG Fuels); Sec. 7B - 7.2-7.4, & 7.17

DBMV-8041-Bunkering management on ships

This course provides details of fuel management for ships, focusing on the safe and efficient handling of fuel systems. Participants will learn about bunkering procedures and fuel transfer systems.

The course:

- Follows the IMO regulatory frameworks of MARPOL Annex VI, and Annex I.
- Addresses the RiSQ 3.0 Section 7A: Fuel Management (Oil Fuel); Sec. 7A - 7.9

DBMV-8042-Handling MARPOL 2020 Low Sulfur Fuel Oil onboard

This course provides details of fuel management for ships, focusing on the safe and efficient handling of fuel systems. The course covers the management of fuel, with an emphasis on safety, compliance, and best practices for low sulfur fuel oil.

The course:

- Follows the IMO regulatory frameworks of MARPOL Annex VI, and Annex I.
- Addresses the RiSQ 3.0 Section 7A: Fuel Management (Oil Fuel); Sec. 7A - 7.9

DBMV-8043-Using Low Sulfur fuel- contamination, testing and treatment

This course provides details of fuel management for ships, focusing on the safe and efficient handling of low sulfur fuel systems. The course covers the analysis of low sulfur fuel oil, with an emphasis on testing, compliance, and best practices when using low sulfur fuel oil with a focus in preventing engine damage.

The course:

- Follows the IMO regulatory frameworks of MARPOL Annex VI, and Annex I.
- Addresses the RiSQ 3.0 Section 7A: Fuel Management (Oil Fuel); Sec. 7A - 7.9



DBMV-8051-Safety Management System and the ISM Code

This course provides a comprehensive overview of Safety Management Systems (SMS) and the International Safety Management (ISM) Code, focusing on their application in maritime operations. The course covers the key components of SMS, as well as the requirements and scope of the ISM Code.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; Sec 4 - 4.1, 4.2

DBMV-8052-Application of ISM Code and Risk Management

The course covers the risk assessment and human factor considerations and scope of the ISM Code. It includes the process of conducting shipboard ISM audits, addressing non-conformities, ideal for maritime professionals aiming to enhance safety management practices and compliance.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; Sec 4 - 4.1, 4.2

DBMV-8070-Pollution Prevention and Control - Oil

This course provides an understanding of pollution prevention related to ship-source oil pollution. The course covers pollution control measures, operational discharge management, and stability considerations. Participants will also learn to conduct drills and exercises to ensure preparedness for oil spill responses in compliance with international and national standards.

The course:

- Follows the regulatory frameworks of MARPOL Annex I and the OPA 90.
- Addresses the RiSQ 3.0 Section 5: Pollution Prevention and Control; 5.1, 5.2, 5.13-5.17

DBMV-8080-Pollution Prevention and Control - Air

This course is designed to provide maritime professionals with knowledge and skills in preventing and controlling air pollution from ships. Participants will learn about international regulations, the impact of various pollutants, and the technologies and practices used to reduce emissions. The course covers the use of scrubbers, alternate fuels, and energy efficiency measures in maritime operations.

The course:

- Follows the regulatory frameworks of MARPOL Annex VI.
- Addresses the RiSQ 3.0 Section 5: Pollution Prevention and Control; 5.21-5.23

DBMV-8090-Pollution Prevention and Control- Garbage



This course is designed to provide maritime professionals with knowledge and skills in preventing and controlling garbage pollution from ships. Participants will learn about the sources and effects of marine pollution, , and best practices for garbage management on board.

The course:

- Follows the regulatory frameworks of MARPOL Annex V.
- Addresses the RiSQ 3.0 Section 5: Pollution Prevention and Control; 5.3-5.9 & 5.18-5.20

DBMV-8101-Pollution Prevention and Control - Ballast Water

This course provides knowledge and skills in the management and control of ballast water to prevent marine pollution, and the development and implementation of ballast water management plans.

The course:

- Follows the regulatory frameworks of IMO Ballast Water Management Convention (BWMC) 2004 and the U.S. federal requirements
- Addresses the RiSQ 3.0 Section 5: Pollution Prevention and Control; 5.10-5.12 & 5.24-5.26

DBMV-8102-BWM Plans, Regulations, Treatments and Trainings

This course covers ballast water treatment technologies, and the implementation of regulatory compliance, inspection procedures, and the application of various ballast water treatment methods.

The course:

- Follows the regulatory frameworks of IMO Ballast Water Management Convention (BWMC) 2004 and the U.S. federal requirements
- Addresses the RiSQ 3.0 Section 5: Pollution Prevention and Control; 5.10-5.12 & 5.24-5.26

DBMV-8110-Safety Culture improvement

This course provide knowledge and skills necessary to develop and enhance a strong safety culture on board ships. Participants will learn about the key concepts of safety culture, the role of human error, and the importance of behavior-based safety (BBS). The course covers techniques for measuring and modifying behavior, leadership's role in promoting safety culture, and the application of best practices.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 3.15 and Section 5: Pollution Prevention and Control



DBMV-8121-SMS-Prevention of Fire on Bulk Carriers

This course offers training on ship-specific fire safety measures, focusing on SOLAS requirements and operational procedures. Participants will learn fire chemistry and hazards and understand the fire control plans based on fire classes and the Fire Safety Code.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.15, 4.22-4.33, 4.38, 4.40

DBMV-8122-SMS- Firefighting on Drybulk Vessels

This course offers training on ship-specific firefighting procedures. The course covers practices, such as emergency fire pump testing, portable extinguisher applications, and the operation of emergency escape breathing devices (EEBDs); it also includes fire detection systems, and other firefighting equipment, and life-saving devices.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.15, 4.22-4.33, 4.38, 4.40

DBMV-8131-SMS-Onboard Personal Wellbeing

This course focuses on enhancing the wellbeing and safety of seafarers, emphasizing its crucial role in ship safety and efficient operations. Participants will explore key concerns affecting crew welfare, such as onboard tensions, health outbreaks, and their impact on morale and performance. The course covers personal safety measures, the proper use of PPE, and emergency procedures, including Muster Lists and survival techniques.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.11, 4.18-4.21, 4.35-4.37, 4.42

DBMV-8132-SMS-Shipboard Hazards and Personal Safety

The course focuses on identifying, assessing, and mitigating common shipboard hazards to enhance personal safety and operational efficiency. The course covers essential safety protocols, hazard control measures, and specific risks associated with different ship types and work environments.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.11, 4.18-4.21, 4.35-4.37, 4.42



DBMV-8133-SMS-Emergency Preparations for Survival at sea

Emergency Preparations for Survival at Sea equips seafarers with the knowledge and skills to respond effectively to emergencies at sea. The course covers emergency protocols, survival equipment, and the operation of lifesaving appliances to enhance crew preparedness and safety.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.5-4.9, 4.11-4.14, 4.16-4.174.34, 4.41, 4.43

DBMV-8134-SMS-Abandon ship and survival at sea

Abandon Ship and Survival at Sea focuses on essential procedures and techniques for abandoning ship and ensuring survival at sea. The course emphasizes preparation, survival strategies, and post-abandonment actions to maximize safety and crew resilience in emergencies.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.5-4.9, 4.11-4.14, 4.16-4.174.34, 4.41, 4.43

DBMV-8140-SMS- Safe Working Practices

This course is designed to provide knowledge and skills to ensure safe working practices on board. Participants will learn about occupational safety and health, and control of hazards, job safety analysis, and the use of personal protective equipment (PPE). The course covers safe practices for welding and gas burning, enclosed space entry procedures, and the importance of drills, training, and ship familiarization to maintain a safe working environment.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.
- Addresses the RiSQ 3.0 Section 4: ISM System; 4.5-4.9, 4.11-4.14, 4.16-4.174.34, 4.41, 4.43

DBMS 8150-SMS - Lifesaving Appliances

This course provides comprehensive training on the operation, maintenance, and safety of lifeboats, liferafts, and life-saving appliances (LSA) used at sea. Participants will learn about the different types of lifeboats and liferafts, their equipment, and the methods for launching and maintaining these life-saving devices. The course also covers the dangers associated with on-load release mechanisms, proper maintenance procedures, and the servicing intervals for liferafts and other LSA equipment.

The course:

- Follows ISM Code as part of the Chapter IX SOLAS Convention.



- Addresses the RiSQ 3.0 Section 4: ISM System; 4.5, 4.11

DBMV-8161-Ship Security Management

This course is designed to provide knowledge and skills in security management on board ships. Participants will learn about the development and implementation of a Ship Security Plan, security assessments, and responsibilities.

The course:

- Follows IMO-SOLAS chapter XI-2: International Ship and Port Facility (ISPS) Code
- Addresses the RiSQ 3.0 Section 12: Security; Sec. 12 - 12.2

DBMV-8162-Ship Hardening and Access Control for ship security

The course covers ISPS audit requirements, security training for crew, access management, stowaway management, risk management for High-Risk Areas (HRA), and ship hardening techniques toward preparing the ship to confront any potential onboard attack.

The course:

- Follows IMO-SOLAS chapter XI-2: International Ship and Port Facility (ISPS) Code
- Addresses the RiSQ 3.0 Section 12: Security; Sec. 12 - 12.2

DBMV-8163-Ship Security Training and Drills

The course covers security training for crew for controlling access , handling stowaway and contingency security drills and exercises as part of the shipboard planning for piracy and other threats.

The course:

- Follows IMO-SOLAS chapter XI-2: International Ship and Port Facility (ISPS) Code
- Addresses the RiSQ 3.0 Section 12: Security; Sec. 12 - 12.2

DBMV-8170-Prevention of Air Pollution by EGCS- Scrubbers

This course provides training on the use of Exhaust Gas Cleaning Systems (EGCS), commonly known as scrubbers, to prevent air pollution from ships. Participants will learn about the regulatory requirements, types of scrubbers, and their operational and safety features. The course covers the environmental and economic impacts of scrubbers, maintenance procedures, and recent advancements in exhaust gas treatment technologies.

The course:

- IMO Regulation 14 of MARPOL Annex VI and 2021 Guidelines for Exhaust Gas Cleaning Systems
- Addresses the RiSQ 3.0 Section 5: Pollution Prevention and Control; 13.33