SOLARISTECH™

SwiftAction CORE

NEXT-GEN MARITIME COMPLIANCE TRAINING

SAFETY **AUDIT READINESS** **ENVIRONMENTAL** **MARPOL**

In today's regulatory environment, training is no longer optional, generic, or episodic. It is a core safety and compliance control used by regulators, charterers, and vetting bodies to assess whether vessels are being operated competently, consistently, and defensibly.

Across all vessel types—tankers, bulk carriers, container ships, offshore units, and passenger vessels—inspection outcomes are driven by one factor more than any other: crew competence aligned to real inspection risk.

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SwiftAction™ was developed to address this reality. This catalogue contains more than 600 targeted computer-based training (CBT) courses, systematically structured around Port State Control (PSC) categories and deficiency codes. Each course is aligned to how inspectors identify non-compliance, assess crew knowledge, and justify deficiencies or detentions in practice. Rather than broad or generic subject matter, the training reflects inspection behavior, enforcement logic, and operational realities encountered onboard.

All SwiftAction™ courses are delivered as CBT and include end-of-course assessments to verify knowledge retention and accountability. The objective is not simply course completion, but demonstrable understanding that can be applied during inspections, audits, and daily operations.

SwiftAction™ training is corrective and continuous by design. Courses are used to support post-inspection corrective action, reinforce learning following deficiencies or near-misses, and provide refresher training in recurring or high-risk areas. This approach allows operators to move from reactive training responses to predictive, risk-based competence management, ensuring that lessons learned from inspections are embedded across vessels and fleets over time.

The SwiftAction™ platform is delivered through three scalable versions. SwiftAction Core provides stand-alone PSC-linked CBT courses with assessments, establishing foundational competence and inspection readiness. SwiftAction Professional builds on this by integrating training with Nautilux™ AI, allowing course assignment and refreshers to be driven by vessel-specific, fleet-wide, and inspection-based risk data. SwiftAction Enterprise extends this capability across entire organizations, enabling standardized training programs, continuous oversight, and alignment between shipboard execution and shore-based management.

All SwiftAction™ courses have been developed and reviewed by a multidisciplinary team that includes former Flag State regulators, classification society professionals, USCG-licensed deck and engineering officers, and senior maritime and offshore industry experts. This ensures the training reflects real enforcement expectations and inspection behavior, not theoretical interpretations of regulatory text.

SwiftAction™ does not replace statutory certification, flag approval, or class requirements. It strengthens how those requirements are understood, applied, reinforced, and demonstrated onboard through structured CBT delivery, verified assessments, corrective action support, and continuous learning.

I welcome you to SwiftAction™a training system built for modern shipping, where competence is proven, deficiencies are addressed, and compliance is maintained continuously.

Thomas Blenk, Chief Training Officer – SwiftAction™

Academic Overview of the SwiftAction™ Training Platform (1)

Purpose and Scope

SwiftAction™ is a comprehensive, computer-based maritime training platform designed to address operational competence, regulatory compliance, and human-element performance across the global shipping and offshore industries. The platform has been developed to align structured learning with real-world enforcement behavior, inspection methodology, and risk exposure, ensuring that training outcomes are directly relevant to operational practice.

The platform currently comprises 600+ structured training courses, systematically organized around Port State Control (PSC) categories and deficiency codes, enabling precise alignment between learning content and regulatory inspection criteria. This structure allows training to be applied not only as an educational tool, but also as a corrective, preventive, and continuous learning mechanism.

Academic and Regulatory Framework Alignment

SwiftAction™ training content is aligned with the principal international maritime regulatory frameworks, including but not limited to:
- The International Convention for the Safety of Life at Sea (SOLAS)
- The International Convention for the Prevention of Pollution from Ships (MARPOL)
- The International Safety Management (ISM) Code
- The International Ship and Port Facility Security (ISPS) Code
- The Maritime Labour Convention, 2006 (MLC)
- The STCW Convention and Code

Rather than reproducing regulatory text, SwiftAction™ interprets these frameworks through the lens of inspection practice, enforcement logic, and operational execution. This ensures that learners understand both the regulatory requirement and its practical application onboard.

Curriculum Structure and Content Coverage

The SwiftAction™ curriculum is organized into major operational and regulatory domains, including safety, environmental protection, security, labour conditions, navigation, engineering, cargo operations, and safety management systems. Curriculum design emphasizes:
- Clear learning objectives aligned with regulatory requirements
- Practical application of knowledge in operational contexts
- Direct linkage between training content and inspection or audit outcomes

Courses are reviewed and updated to reflect changes in regulations, enforcement practices, and industry risk trends. Each course addresses a defined competence area and is explicitly mapped to PSC deficiency logic, allowing targeted learning and assessment.

Pedagogical Design and Assessment Methodology

All SwiftAction™ courses are delivered via computer-based training (CBT) and conclude with structured assessments designed to verify knowledge retention and comprehension. Assessments are competency-oriented and focus on operational understanding rather than rote memorization. The pedagogical model supports:
- Initial knowledge acquisition
- Reinforcement through refresher training
- Corrective learning following deficiencies or incidents
- Continuous competence maintenance over time

This approach reflects contemporary best practices in adult learning and professional education, emphasizing measurable outcomes and practical relevance.

Platform Architecture and Training Tiers

SwiftAction™ is deployed through a tiered model that supports varying levels of organizational maturity and operational complexity.

- SwiftAction Core: provides foundational CBT courses with assessments, establishing foundational regulatory and operational competence.
- SwiftAction Professional: integrates training with Nautilux™ AI, enabling training prioritization, corrective action support, and refresher learning driven by vessel- and fleet-specific risk data.
- SwiftAction Enterprise: extends these capabilities across organizations, facilitating standardized training programs, oversight, and continuous improvement at scale.

Target Audience

The SwiftAction™ platform is designed for a broad range of maritime stakeholders, including:

- Shipboard crew across all departments and ranks
- Masters, Chief Engineers, and senior officers
- Shore-based technical, HSQE, and compliance personnel
- Fleet managers and operators
- Offshore and specialized vessel operators
- Charterers, vetting teams, and training departments
- Maritime academies and professional training institutions

The modular structure allows content to be tailored to role, vessel type, and operational context.

Content Development and Academic Credibility

SwiftAction™ courses have been developed and peer-reviewed by a multidisciplinary team comprising former Flag State regulators, classification society professionals, USCG-licensed deck and engineering officers, and senior industry experts. This ensures academic credibility, technical accuracy, and alignment with real enforcement and operational environments.

Educational Value Proposition

SwiftAction™ advances maritime training beyond static compliance education by integrating regulatory knowledge, inspection behavior, and operational competence into a single, coherent learning system. By linking training directly to PSC deficiency logic and embedding assessment-driven learning, the platform supports measurable competence development, reduced inspection findings, and continuous professional growth.

STCW Instructor & Assessor Qualification Statement

SOLARISTECH, INC.
1750 Sky Lark Ln.
Houston, TX 77056
Telephone: +1-786-988-0706
Email: admin@solaristechinc.com
Website: www.solaristechinc.com

STCW Regulation I/6 Instructor Qualification Declaration (2026)
This declaration affirms that Thomas H. Blenk is fully aligned with the instructor and assessor standards required under STCW Regulation I/6 and Section A-I/6. These standards specify the qualifications, pedagogical training, and quality assurance processes necessary for instructors developing and delivering maritime training aligned with the STCW Convention.

Instructor Compliance Alignment – Thomas H. Blenk

STCW I/6 Requirement	Demonstrated Qualifications
Maritime Education	BSc Marine Engineering – U.S. Merchant Marine Academy, Kings Point (1994)
Teaching at IACS-Member Academy	Instructor and curriculum designer at ABS Training Center (Shanghai Waigaoqiao Shipyard) & ABS Korea Academy, delivering integrated theoretical and practical training for newly recruited ABS Surveyors & Industry Members.
Lead Surveyor at IACS Classification Society	Principal Surveyor-in-Charge and Lead Surveyor for ABS (IACS member), leading newbuilding projects across Korea and China.
Pedagogical and Management Education	Harvard Business School – General Management Program (2009); Leadership at the Peak, CCL (2016).
Auditor Certification	Completed ISM, ISPS, and MLC Auditor training with International Registries (IRI).
Regulatory and Oversight Roles	Deputy Commissioner of Maritime Affairs (Marshall Islands); Special Agent, Nautical Inspector, Security Auditor – responsible for IMO oversight of Korean Register (IACS member) and flag investigations; Chief Training Officer, SolarisTech Learning.

Conclusion: Thomas H. Blenk's extensive instructional, regulatory, and technical experience across IACS-member institutions and flag state administrations ensures full compliance with the instructor standards defined in STCW Regulation I/6. He is qualified to develop and review corrective action and competency-based training under the SolarisTech Learning – SwiftAction™ platform.

SwiftAction™ Professional
Risk-Based, Predictive Training Powered by Nautilux™ AI

SwiftAction™ Professional extends the Core training framework by integrating Nautilux AI, transforming training from a reactive requirement into a predictive compliance and risk management capability. While SwiftAction™ Core establishes foundational competence through PSC-aligned computer-based training (CBT) and assessments, the Professional service layer uses real inspection data, fleet history, and deficiency patterns to identify where training is most needed before deficiencies occur. Nautilux AI continuously analyzes inspection outcomes, vessel profiles, and industry trends to flag high-probability risk areas. These insights are then used to target specific training modules, focusing crew attention on the most likely inspection findings, operational weak points, and human-element risks. This approach enables operators to move beyond generic refresher cycles and adopt risk-based training allocation, ensuring time and effort are spent where they deliver the greatest compliance impact.

SwiftAction™ Professional is particularly effective for:
• Fleets experiencing repeat PSC deficiencies
• Vessels trading in high-enforcement regions
• Operators preparing for SIRE, charterer, or flag scrutiny
• Organizations seeking measurable reduction in deficiencies and detentions

Training assignments under the Professional service are:
• Predictive, not just scheduled
• Deficiency-driven, not generic
• Continuously updated as risk profiles change

SwiftAction™ Professional does not replace inspections or audits. It strengthens how organizations anticipate, prepare for, and respond to them, using training as an active risk-control mechanism. By combining structured CBT, verified assessments, and AI-driven targeting, SwiftAction™ Professional delivers smarter training, earlier intervention, and stronger inspection outcomes across the fleet.

SwiftAction PSC-Code Linked Training
Training That **Builds**. Training That Connects. Training at Scale.
Builds on the Previous Level

Core Training — Stand-Alone PSC-Linked Training
✓ Independent Training
✓ PSC-Linked Courses
✓ Knowledge & Awareness
Foundational Competence

Professional Training — Risk-Based & Predictive
✓ Nautilux AI Connected
✓ Risk-Based & Fleet Focused
✓ Audit & Inspection Linked
Risk-Based Improvement

Enterprise Training — Fleet-Wide Deployment
✓ Fleet & Office Deployment
✓ Standardized Programs
✓ Continuous Learning
Organization-Wide Competence

PSC-Linked Courses   Risk-Based Training   Scalable Deployment

Training Catalogue – Course Categories

Below is the list of structured training categories included in the SwiftAction™ Catalogue:

1. Certificates & Documentation	14. Pollution Prevention – MARPOL Annex II (Noxious Liquid Substances)
2. Structural Conditions & Water / Weathertight Integrity	15. Pollution Prevention – MARPOL Annex III & Annex IV (Harmful Substances in Packaged Form & Sewage)
3. Emergency Systems & Drills	16. Pollution Prevention – MARPOL Annex V (Garbage)
4. Radio Communications & GMDSS	17. Pollution Prevention – MARPOL Annex VI (Air Emissions)
5. Cargo Operations & Securing	18. Pollution Prevention – Anti-Fouling Systems (AFS) & Ballast Water Management (BWM)
6. Fire Safety & Fire Protection Systems	19. Safety Management System (ISM Code)
7. Alarms & Monitoring Systems	20. Labour Conditions & Conditions of Employment (MLC – Advanced)
8. Living Conditions, Working Conditions & Crew Welfare	21. Industrial Personnel (IP Code)
9. Safety of Navigation & Bridge Operations	22. SwiftAction™ Tanker Training
10. Life-Saving Appliances & Survival Systems	23. Newbuilding Training – Site & Head Office (Competence)
11. Dangerous Goods & Hazardous Substances	24. Yacht Training – Statutory Competence (Newbuilding & Operations)
12. Propulsion & Auxiliary Machinery	25. Final Summary & Value Proposition
13. Pollution Prevention – MARPOL Annex I (Oil Pollution)	26. Course List

1. Certificates & Documentation

Why This Section Matters

Certificates and documentation are a leading cause of inspection failures. Missing or expired records often trigger detentions. This section underpins all regulatory compliance onboard.

Maritime operations run on proper certification and documentation. SwiftAction's **Certificates & Documentation** training category covers all the essential **ship certificates, crew certificates, and critical documents required** by international maritime regulations. These courses emphasize why up-to-date certificates and well-kept records are vital for compliance, successful inspections, and smooth vessel operations. From safety and security certificates to pollution prevention manuals and logbooks, mastering this documentation ensures vessels **avoid detentions and operate safely and legally** in full accordance with SOLAS, MARPOL, ISM, MLC and other standards.

Who This Section Is For

- **Ship Masters, Chief Officers, and Crew** responsible for maintaining onboard certificates and official logs.
- **Fleet superintendents, technical managers, and HSQE officers** overseeing vessel compliance and documentation across a fleet.
- Crewing managers and training coordinators ensuring all personnel hold required qualifications and valid certification (STCW, medical, etc.).
- **Owners and operators** aiming to meet every documentation requirement to avoid port state control issues and operational delays.

Key Benefits

1. **Ensure Full Compliance:** No critical certificate is missing or expired, greatly reducing the risk of costly detentions, fines, or voyage delays due to paperwork issues.
2. **Inspection Readiness:** Smooth PSC inspections, flag state audits, and vettings with organized, compliant records that instill confidence in inspectors.
3. **Operational Efficiency:** Crew gain a clear understanding of regulatory duties and record-keeping, leading to better preparedness and fewer last-minute scrambles to update documents.
4. **Safety & Accountability:** Strengthens the safety culture by emphasizing accountability and adherence to international conventions, helping maintain the ship's legal right to operate and protecting its reputation.

Sample Courses (Certificates & Documentation)

Course Code	Course Title & Summary
01107	**Safety Management Certificate (SMC/ISM)** Understand the ISM Code requirements and ensure the vessel's Safety Management System is certified and effective, minimizing non-conformities during audits.
01136	**Ballast Water Management Certificate** Focuses on meeting the BWM Convention rules, including proper treatment and record-keeping of ballast operations, to obtain/renew the ship's BWM certificate and prevent invasive species.
01315	**Oil Record Book (ORB):** Teaches proper maintenance of the ORB as per MARPOL requirements – logging all oil transfers and discharges accurately – helping crew avoid pollution violations and pass environmental inspections.

2. Structural Conditions & Water / Weathertight Integrity

Why This Section Matters

Structural and watertight deficiencies are non-negotiable safety issues. Inspectors treat them as direct indicators of vessel risk.

The **Structural Conditions & Water/Weathertight** Integrity section focuses on the physical condition of the vessel and its ability to remain seaworthy under all operating conditions. These items are among the highest-risk inspection areas during Port State Control, as failures directly threaten vessel **safety, stability, and survivability.** Deficiencies in hull integrity, watertight closures, tanks, decks, and structural members routinely result in detentions, trading restrictions, or immediate repair orders. SwiftAction courses in this section concentrate on practical awareness of how structural deficiencies develop, how they are detected by inspectors, and how crews and managers can **identify early warning signs** before they become reportable deficiencies.

Who This Section Is For

- **Masters, Chief Mates, and Chief Engineers** responsible for seaworthiness and daily condition monitoring
- **Deck and engine officers** involved in inspections, rounds, and defect reporting
- **Superintendents and technical managers** overseeing hull, tank, and structural condition
- **Shipyard and dry-dock planning teams** preparing vessels for surveys and inspections

Key Benefits

1. **Improved Seaworthiness:** Early identification of corrosion, cracking, and structural degradation before it compromises safety
2. **PSC Readiness:** Reduced risk of detention related to hull condition, watertight integrity, and structural damage
3. **Better Maintenance Decisions:** Crews understand what inspectors look for and how deficiencies escalate from minor to detainable
4. **Operational Continuity:** Avoid off-hire, voyage delays, and emergency repair costs caused by overlooked structural issues

Sample Courses (Structural & Water/Weathertight Conditions)

Course Code	Course Title & Summary
02101	**Closing Devices / Watertight Doors** Covers correct operation, maintenance, and inspection of watertight doors and closures, one of the most frequently checked safety-critical items.
02112	**Hull – Corrosion** Addresses identification, reporting, and management of hull corrosion, including common PSC triggers and acceptable repair standards.
02139	**Water Level Detectors on Cargo Ships** Covers installation, testing, and operational readiness of water ingress detection systems, with emphasis on alarm functionality.

3. Emergency Systems & Drills

Why This Section Matters

Emergency systems that do not work on demand, or crews that cannot clearly explan their actions, are red flags for inspectors.

The **Emergency Systems & Drills** section addresses the shipboard systems, procedures, and crew actions that are critical when something goes wrong. These items are immediately verifiable during inspections and are among the most common grounds for **detention when systems fail to operate or crews cannot demonstrate familiarity.**
Port State Control officers routinely test alarms, emergency power, fire pumps, steering arrangements, and crew response through drills. SwiftAction courses in this section focus on **real inspection behavio**r, not theory, ensuring crews know what will be tested, how it is tested, and how failures typically occur.

Who This Section Is For

- **All vessel crew, including new joiners** requiring familiarization
- **Masters and senior officers** responsible for drills, emergency readiness, and command response
- **Safety officers and training coordinators** managing drill programs
- **Operators and managers** seeking to reduce detentions linked to poor emergency preparedness

Key Benefits

1. **Inspection Confidence:** Crews are prepared for unannounced drills and functional tests
2. **System Readiness:** Emergency equipment is maintained, tested, and ready when needed
3. **Human-Factor Control:** Reduces panic, confusion, and procedural failures during real emergencies
4. **Lower Detention Risk:** Eliminates common PSC findings related to drills, alarms, and emergency systems

Sample Courses (Emergency Systems & Drills)

Course Code	Course Title & Summary
04102	**Emergency Fire Pump & Its Pipes** Focuses on readiness, testing procedures, andcommon failures that lead to immediate deficiencies.
04109	**Fire Drills** Addresses drill conduct, evaluation, and documentation, with emphasis on inspector expectations.
04121	**Crew Familiarization with Emergency Systems** Ensures new and existing crew can demonstrate knowledge of alarms, escape routes, and emergency equipment.

4. Radio Communications & GMDSS

Why This Section Matters

Radio and GMDSS failures are viewed as immediate safety risks, not administrative oversights.

The **Radio Communications & GMDSS** section covers the systems and procedures that ensure a vessel can send, receive, and respond to distress and safety communications at all times. These systems are considered life-critical, and any **malfunction, incorrect configuration, or crew unfamiliarity** is treated seriously by Port State Control and flag administrations.

PSC officers frequently test radio installations, EPIRBs, AIS-SARTs, reserve power supplies, and GMDSS operational readiness. SwiftAction courses in this section focus on **functional compliance**, ensuring that both equipment and crew knowledge meet international requirements under SOLAS Chapter IV.

Who This Section Is For

- **Masters, deck officers, and radio operators** responsible for distress and safety communications
- **Electro-technical officers (ETOs) and engineers** maintaining radio equipment
- **Safety officers and compliance managers** overseeing GMDSS readiness
- **Operators** trading internationally where communication compliance is continuously scrutinized

Key Benefits

1. **Distress Readiness:** Ensures all distress alerting systems operate correctly and are used properly
2. **Inspection Success:** Crews can demonstrate GMDSS knowledge and equipment functionality during PSC checks
3. **Equipment Reliability:** Reduced failures through correct maintenance and testing procedures
4. **SOLAS Compliance:** Full alignment with SOLAS Chapter IV requirements
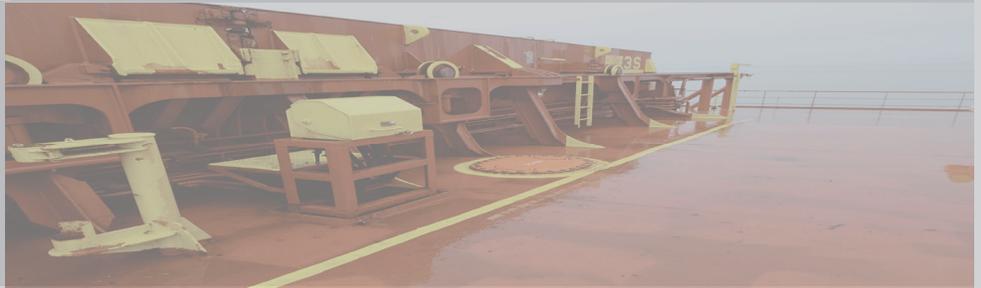
Sample Courses (Radio Communications & GMDSS)

Course Code	Course Title & Summary
05101	**Distress Messages** Obligations & Procedures:Covers when and how distress alerts must be transmitted, including common errors seen during inspections.
05111	**Satellite EPIRB (406 MHz)** Focuses on registration, testing, stowage, and inspection expectations.
05118	**Operation of GMDSS Equipment** Ensures crew can operate all GMDSS components confidently and correctly.

5. Cargo Operations & Securing

Why This Section Matters

Cargo operations sit at the intersection of safety, stability, and environmental protection. Inspectors look for signs that cargo is being handled correctly and within limits.

The **Cargo Operations & Securing** section addresses the safe handling, stowage, securing, and monitoring of cargo throughout the voyage. Cargo-related deficiencies are a major contributor to **detentions, structural damage, pollution incidents, and personal injuries**. Inspectors focus heavily on whether cargo operations are conducted in accordance with approved manuals, operational limits, and equipment capabilities.

SwiftAction courses in this section emphasize **real operational practice**, not just written procedures, ensuring crews understand how cargo risks develop and how inspectors verify compliance onboard.

Who This Section Is For

- **Masters and Chief Officers** responsible for cargo planning and execution
- **Deck officers and cargo watchkeepers** involved in loading, discharging, and monitoring
- **Cargo superintendents and shore-based operations teams**
- **Tankerman personnel and specialist cargo crews**

Key Benefits

1. **Reduced Incident Risk:** Safer cargo handling lowers the chance of spills, shifts, and structural stress
2. **Inspection Readiness:** Crews can demonstrate correct use of cargo manuals and procedures
3. **Equipment Integrity:** Cargo gear and securing arrangements are maintained and used properly
4. **Operational Efficiency:** Fewer delays and rework during cargo operations

Sample Courses (Cargo Operations & Securing)

Course Code	Course Title & Summary
06101	**Cargo Securing Manual** Covers the use, interpretation, and onboard availability of the Cargo Securing Manual.
06105	**Atmosphere Testing Instruments** Addresses gas detection equipment used during cargo and tank operations.
06106	**Cargo Transfer – Tankers** Covers transfer procedures, line-up checks, and spill prevention.

6. Fire Safety & Fire Protection Systems

Why This Section Matters

Fire does not allow for administrative excuses. Inspectors view fire safety failures as immediate threats to life and vessel survivability.

The **Fire Safety & Fire Protection Systems** section covers one of the highest-risk and highestenforcement areas onboard any vessel. Fire-related deficiencies are consistently among the top detention drivers worldwide, particularly when fixed systems are i**mpaired, maintenance records are weak, or crews cannot demonstrate** proper operation during drills or inspections. Port State Control officers place strong emphasis on fire prevention, detection, containment, and crew response. SwiftAction courses in this section focus on **how fires actually start onboard ships,** how protection systems fail in practice, and what inspectors look for when assessing compliance with SOLAS Chapter II-2 and related regulations.

Who This Section Is For

- All vessel crew, with special focus on engine and deck officers
- **Masters and Chief Engineers** responsible for fire readiness and system integrity
- **Safety officers and training coordinators** managing drills and system maintenance
- **Shore-based HSQE and technical managers** overseeing fire safety compliance

Key Benefits

- **Reduced Fire Risk:** Improved awareness of ignition sources, system vulnerabilities, and prevention measures
- **Inspection Readiness:** Crews can confidently demonstrate fire systems and respond correctly during drills
- **System Reliability:** Fire detection, suppression, and containment systems are properly maintained and operational
- **Detention Prevention:** Avoids immediate detentions linked to impaired fire safety arrangements

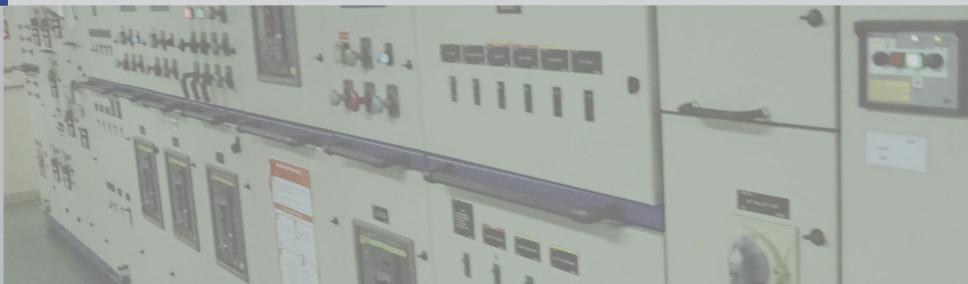Sample Courses (Fire Safety & Fire Protection)

Course Code	Course Title & Summary
07106	**Fire Detection and Alarm Systems** Addresses testing, fault response, and common failures observed during inspections.
07115	**Fire Dampers** Explains correct operation, testing, and inspection expectations for ventilation fire dampers.
07125	**Evaluation of Crew Performance (Fire Drills)** Focuses on human-factor performance during drills and how inspectors assess crew response.

7. Alarms & Monitoring Systems

Why This Section Matters

Prepares crews to demonstrate both technical readiness and operational understanding.

Alarm and Monitoring Systems are the ship's first line of defense against escalation. When alarms fail, are ignored, misunderstood, or improperly maintained, minor technical issues quickly develop into serious safety events. For this reason, Port State Control inspectors place strong emphasis on **alarm functionality, crew response, and system integrity across machinery spaces, navigation systems, and safety systems.**

Deficiencies in alarm systems are frequently cited not only as technical failures, but as human-element and management failures, particularly where crews cannot explain alarm meaning, response actions, or testing routines. SwiftAction™ training in this section focuses on how alarm systems are expected to function in practice, how inspectors verify them onboard, and how **crew competence is evaluated** during inspections and drills.

Who This Section Is For

- Engine officers and engine room watchkeepers
- Bridge watchkeepers and navigating officers
- Electro-technical officers (ETOs)
- Masters and Chief Engineers
- Shore-based technical and safety personnel

Key Benefits

1. **Purpose and hierarchy** of shipboard alarm systems
2. **Alarm identification, prioritization, and escalation**
3. **Integration** between machinery, navigation, and safety alarms
4. **Alarm testing, maintenance, and fault response**
5. **Human-factor risks** such as alarm fatigue, disabling, or misinterpretation

Sample Courses

Course Code	Course Title & Summary
08104	**Steering Gear Alarm** Alarm functionality and response related to steering failure or degradation.
08105	**Engineers' Alarm** Machinery space alarms and escalation during unattended operation.
08108	**UMS Alarms** Unattended Machinery Space alarm management and inspection expectations.

8. Living Conditions, Working Conditions & Crew Welfare

Why This Section Matters

MLC deficiencies often reflect systemic management issues, not isolated technical faults. Inspectors pay close attention to consistency between records, crew interviews, and physical conditions.

The **Living Conditions, Working Conditions & Crew Welfare** section focuses on the requirements of the Maritime Labour Convention (MLC, 2006) and related occupational safety standards. These items are inspected not only for regulatory compliance, but also as **indicators of crew welfare, fatigue management**, and overall shipboard safety culture.

PSC officers routinely **examine accommodation, sanitation, food and catering, medical care, hours of work and rest, and occupational safety arrangements**. Deficiencies in this area can lead to detentions, rectification orders, or labor-related complaints, especially where records do not match actual conditions onboard.

SwiftAction courses in this section **emphasize practical compliance**, helping crews and managers understand how welfare requirements are assessed during inspections and how small oversights can escalate into serious findings.

Who This Section Is For

- **Masters and senior officers** responsible for MLC compliance onboard
- **Ship managers and crewing departments** overseeing welfare and employment conditions
- **Catering staff and ship's cooks** responsible for food safety and hygiene
- **All crew**, as welfare and safety obligations apply shipwide

Key Benefits

1. **MLC Compliance:** Clear understanding of MLC Titles 1–5 and how they are enforced during inspections
2. **Reduced Complaints:** Lower risk of crew grievances and PSC follow-up inspections
3. **Improved Safety Culture:** Better fatigue management and safer working practices
4. **Inspection Confidence:** Accurate records that align with real onboard conditions

Sample Courses

Course Code	Course Title & Summary
09127	**Cleanliness** Addresses housekeeping standards in accommodation and working spaces.
09235	**Fitness for Duty – Work & Rest Hours** Focuses on fatigue management, hours of rest records, and inspector verification methods.
09237	**Fitness for Duty – Intoxication** Addresses alcohol and drug policies and enforcement.

9. Safety of Navigation & Bridge Operations

Why This Section Matters

Navigation failures rarely happen in isolation. Inspectors look for patterns of weak bridge discipline, outdated charts, disabled alarms, incomplete records.

The **Safety of Navigation & Bridge Operations** section covers the systems, procedures, and human-factor controls that ensure a vessel navigates safely and in compliance with SOLAS Chapter V.

Navigation deficiencies are closely scrutinized because they directly affect **collision risk, grounding risk, and environmental exposure.** Failures in charts, ECDIS, bridge equipment, or bridge team practices frequently result in serious deficiencies or detentions.

SwiftAction courses in this section focus on **how navigation compliance is actually assessed onboard,** including equipment functionality, recordkeeping, passage planning, and bridge team behavior during inspections and audits.

Who This Section Is For

- Masters, Chief Mates, and navigating officers
- Bridge teams and watchkeepers
- Navigational auditors and safety officers
- Ship managers overseeing bridge procedures and equipment compliance

Key Benefits

1. **Collision & Grounding Risk Reduction:** Stronger bridge discipline and equipment awareness
2. **Inspection Readiness:** Crews can confidently demonstrate navigation equipment and records
3. **SOLAS Compliance:** Proper application of SOLAS Chapter V requirements
4. **Operational Confidence:** Clear understanding of bridge procedures and responsibilities

Sample Courses (Safety of Navigation)

Course Code	Course Title & Summary
10101	**Pilot Ladders & Pilot Transfer Arrangements** Covers safe rigging, inspection expectations, and common PSC findings.
10112	**Electronic Charts (ECDIS)** Covers ECDIS operation, updating, alarms, and common noncompliance issues.
10126	**Record of Drills and Steering Gear Tests** Focuses on documentation accuracy and testing intervals.

10. Life-Saving Appliances & Survival Systems

Why This Section Matters

Life-saving equipment exists for worst-case scenarios. Inspectors expect immediate functionality and crew competence.

The **Life-Saving Appliances (LSA) & Survival Systems** section covers the equipment and procedures that protect lives when abandonment or rescue becomes necessary. PSC officers treat LSA deficiencies as critical safety failures, particularly when **launching arrangements, maintenance records, or crew familiarity are lacking**. These deficiencies frequently result in immediate detention because they directly affect survival at sea.

SwiftAction courses in this section focus on practical readiness, not just certification. Crews learn how life-saving appliances are **inspected, tested, demonstrated, and evaluated during real PSC inspections** under SOLAS Chapter III.

Who This Section Is For

- **All vessel crew,** including new joiners requiring familiarization
- **Masters and deck officers** responsible for abandon-ship readiness
- **Safety officers and training coordinators** managing drills and equipment upkeep
- **Shore-based technical managers** overseeing LSA maintenance programs

Key Benefits

1. **Life-Critical Readiness:** Equipment and crew prepared for real emergencies
2. **Inspection Success:** Crews can demonstrate LSA operation confidently
3. **Reduced Detention Risk:** Eliminates common LSA-related deficiencies
4. **SOLAS Compliance:** Full alignment with Chapter III requirements

Sample Courses (Life-Saving Appliances)

Course Code	Course Title & Summary
11101	**Lifeboats** Covers structural condition, launching arrangements, and inspection points.
11129	**Operational Readiness of Lifesaving Appliances** Focuses on overall system readiness and documentation.
11132	**Maintenance and Inspections** Covers planned maintenance, records, and verification.

11. Dangerous Goods & Hazardous Substances

Why This Section Matters

Dangerous goods failures can escalate rapidly into major casualties. Inspectors look for signs that crews understand the risks, not just the paperwork.

The **Dangerous Goods & Hazardous Substances** section addresses the carriage, handling, stowage, and control of dangerous goods under the IMDG Code, IBC Code, IGF Code, and related SOLAS and MARPOL requirements. Deficiencies in this area pose **high safety, fire, and environmental risks** and are treated seriously by Port State Control. Even administrative errors, such as missing documentation or incorrect segregation, can escalate into detentions or cargo restrictions.

SwiftAction courses in this section focus on real-world compliance, helping crews understand how dangerous goods are assessed during inspections and **how errors commonly occur during routine operations.**

Who This Section Is For

- **Masters and Chief Officers** overseeing cargo operations
- **Deck officers and cargo watchkeepers** handling or monitoring dangerous goods
- **Tankerman personnel and specialist cargo crews**
- **Ship managers and HSQE teams** responsible for dangerous goods compliance

Key Benefits

- **Risk Reduction:** Safer handling of hazardous cargoes minimizes fire, explosion, and pollution risk
- **Inspection Readiness:** Crews can demonstrate correct segregation, stowage, and documentation
- **Regulatory Compliance:** Full alignment with IMDG, IBC, IGF, and SOLAS requirements
- **Operational Confidence:** Clear understanding of emergency response and protective measures

Sample Courses (Dangerous Goods)

Course Code	Course Title & Summary
12104	**Dangerous Goods Code** Focuses on understanding and applying the IMDG Code onboard.
12107	**Fire Protection – Cargo Deck Area** Covers fire detection, suppression, and protection measures for DG cargoes.
12110	**Tank Entry** Focuses on hazards, permits, and inspection expectations for tank entry operations.

12. Propulsion & Auxiliary Machinery

Why This Section Matters

A vessel without reliable propulsion or auxiliary systems is not fit for safe operation. Inspectors look for signs of poor maintenance, unsafe practices, or inadequate crew knowledge.

The **Propulsion & Auxiliary Machinery** section covers the mechanical systems that keep the vessel operational, maneuverable, and safe. Deficiencies in propulsion, auxiliary engines, bilge systems, electrical safety, or machinery operation are treated by inspectors as **direct threats to seaworthiness**. Failures in this area frequently lead to **detentions, port restrictions, or immediate repair requirement**s, especially when redundancy or safety protections are compromised.

SwiftAction courses in this section focus on **operational reliability and inspection-facing realities**, ensuring crews understand not only how machinery should operate, but how it is evaluated during PSC inspections and audits.

Who This Section Is For

- **Chief Engineers, Second Engineers, and engine officers**
- **Electro-technical officers (ETOs)**
- **Engine room watchkeepers and maintenance personnel**
- **Technical superintendents and fleet managers**

Key Benefits

1. **Operational Continuity:** Reduced machinery failures that cause delays or off-hire
2. **Inspection Readiness:** Crews can demonstrate safe operation and maintenance practices
3. **Safety Assurance:** Lower risk of fires, flooding, and electrical incidents
4. **Compliance Confidence:** Alignment with SOLAS and class requirements

Sample Courses (Propulsion & Machinery)

Course Code	Course Title & Summary
13101	**Propulsion Main Engine** Covers operational readiness, monitoring, and common inspection findings related to main propulsion.
13105	**Unattended Machinery Spaces (UMS)** Covers alarm systems, operational limits, and inspection expectations.
13110	**Precautions Against Electrical Hazards** Addresses electrical safety, isolation procedures, and inspection triggers.

13. Pollution Prevention – MARPOL Annex I (Oil Pollution)

Why This Section Matters

MARPOL Annex I enforcement is zero-tolerance. Inspectors look for inconsistencies between Oil Record Books, equipment condition, and crew explanations.

The **Pollution Prevention – MARPOL Annex I** section focuses on the prevention of oil pollution from ships, one of the most **strictly enforced regulatory areas worldwide.** Oil pollution violations carry severe consequences including **detention, criminal liability, heavy fines, and reputational damage**. Inspectors scrutinize both **equipment condition and crew behavior,** particularly how oily mixtures are handled, recorded, and discharged.

SwiftAction courses in this section emphasize **practical compliance and inspection realism**, addressing how Annex I requirements are tested during PSC inspections and investigations, not just how they are written in manuals.

Who This Section Is For

- Chief Engineers and engine officers
- Engine room watchkeepers and oil transfer personnel
- Masters and senior officers responsible for pollution prevention oversight
- Technical managers and HSQE teams

Key Benefits

1. **Environmental Protection:** Reduced risk of oil pollution incidents
2. **Legal Risk Reduction:** Avoidance of criminal exposure and MARPOL violations
3. **Inspection Confidence:** Accurate records and operational compliance during PSC checks
4. **Operational Discipline:** Clear understanding of permitted vs prohibited discharges

Sample Courses (MARPOL Annex I)

Course Code	Course Title & Summary
14101	**Control of Discharge** Covers permitted discharges, conditions, and inspector verification methods.
14104	**Oil Filtering Equipment (15 ppm)** Focuses on operation, alarms, and common manipulation red flags.
14119	**Oil & Oily Mixtures from Machinery Spaces** Addresses handling, storage, and discharge controls.

14. Pollution Prevention – MARPOL Annex II (Noxious Liquid Substances)

Why This Section Matters

Annex II violations often stem from procedural misunderstandings, not equipment failure.
Inspectors expect crews to explain why and how operations are conducted, not just show manuals.

The **Pollution Prevention – MARPOL Annex II** section addresses the carriage and discharge control of **noxious liquid substances (NLS)** carried in bulk, primarily on chemical tankers. Annex II compliance is **highly technical and tightly enforced**, with inspectors focusing on cargo categorization, tank washing procedures, residue disposal, and discharge conditions. Errors in this area frequently lead to **detentions, voyage delays, and port restrictions**.

SwiftAction courses in this section concentrate on **operational execution**, ensuring crews understand how Annex II requirements are applied in real cargo operations and how inspectors verify compliance onboard.

Who This Section Is For

- Masters and Chief Officers on chemical tankers
- Deck officers and cargo watchkeepers
- Cargo planners and shore-based tanker operations teams
- HSQE and technical managers overseeing chemical tanker compliance

Key Benefits

1. **Environmental Protection:** Reduced risk of illegal NLS discharges
2. **Inspection Readiness:** Crews can clearly demonstrate Annex II procedures
3. **Operational Accuracy:** Correct application of stripping, washing, and disposal rules
4. **Regulatory Confidence:** Alignment with MARPOL Annex II and IBC Code requirements

Sample Courses (MARPOL Annex II)

Course Code	Course Title & Summary
14202	**Residue Discharge Systems** Addresses system configuration, operation, and inspection expectations.
14204	**Prohibited Discharge of NLS Slops** Covers discharge prohibitions and enforcement triggers.
14208	**Ship Type Designation** Explains cargo categorization and vessel suitability under Annex II.

15. Pollution Prevention – MARPOL Annex III & Annex IV
(Harmful Substances in Packaged Form & Sewage)

Why This Section Matters

Annex III and IV deficiencies often reveal weak procedural control rather than technical failure. Inspectors look for consistency between documentation, equipment condition, and crew explanations.

The **Pollution Prevention – MARPOL Annex III & Annex IV** section addresses two distinct but frequently inspected environmental control areas:

• **Annex III:** Harmful substances carried in packaged form & **Annex IV:** Sewage treatment, discharge, and system operation While often perceived as lower-risk than oil or air emissions, deficiencies in these areas regularly result in **deficiencies, operational restrictions, and follow-up inspections**, especially whendocumentation, equipment condition, or crew knowledge is weak. SwiftAction courses in this section focus on **practical compliance**, helping crews understand how these requirements are enforced during real inspections and how small administrative gaps can escalate into reportable non-compliances.

Who This Section Is For

- **Masters and deck officers** responsible for cargo documentation and environmental compliance
- **Engine officers** operating sewage treatment systems
- **Ship managers and HSQE** personnel overseeing MARPOL compliance
- **Passenger ship and high-occupancy vessel crews,** where Annex IV scrutiny is higher

Key Benefits

• **Environmental Protection:** Reduced risk of illegal discharge or mishandling of harmful substances
• **Inspection Readiness:** Crews can demonstrate correct procedures and documentation
• **Operational Confidence:** Proper operation of sewage systems and packaged-goods controls
• **Regulatory Alignment:** Compliance with MARPOL Annex III and IV requirements

Sample Courses (MARPOL Annex III & IV)

Course Code	Course Title & Summary
14303	**Documentation (MARPOL Annex III)** Addresses required documentation and common administrative deficiencies.
14402	**Sewage Treatment Plant** Covers system operation, alarms, and inspection verification.
14405	**Crew Training and Familiarization** Focuses on crew understanding of sewage systems and discharge limits.

16. Pollution Prevention – MARPOL Annex V (Garbage)

Why This Section Matters

Garbage violations are often treated as indicators of broader environmental non-compliance. Inspectors look for consistency between records, crew explanations, and actual practices.

The **Pollution Prevention – MARPOL Annex V** section covers the management, handling, recording, and disposal of garbage generated onboard ships. Although often viewed as routine housekeeping, garbage compliance is a **frequent inspection target**, and deficiencies can quickly escalate into detentions, fines, or follow-up inspections, particularly when records, placards, or procedures are missing or inconsistent.

PSC inspectors routinely verify **Garbage Management Plans, Garbage Record Books, placards, segregation practices, and crew awareness.** SwiftAction courses in this section focus on **day-to-day operational compliance**, ensuring that what is written in procedures matches what is actually happening onboard.

Who This Section Is For

- **All vessel crew,** especially deck and engine personnel involved in waste handling
- **Masters and senior officers** responsible for garbage records and compliance oversight
- **Catering and hotel staff** on passenger vessels
- **Ship managers and HSQE teams** monitoring environmental compliance

Key Benefits

- **Environmental Compliance:** Reduced risk of illegal discharges and pollution incidents
- **Inspection Readiness:** Accurate records and visible compliance during PSC inspections
- **Operational Discipline:** Clear understanding of garbage categories and disposal rules
- **Reputational Protection:** Avoidance of environmental violations that damage company standing

Sample Courses (MARPOL Annex V)

Course Code	Course Title & Summary
14501	**Garbage** Covers garbage categorization, handling, and disposal requirements.
14502	**Placards** Addresses required signage, placement, and inspection expectations.
14503	**Garbage Management Plan** Focuses on plan content, onboard availability, and crew implementation.

17. Pollution Prevention – MARPOL Annex VI (Air Emissions)

Why This Section Matters

Air emissions compliance is highly visible and data-driven. Inspectors cross-check fuel records, equipment settings, and crew explanations.

The **Pollution Prevention – MARPOL Annex VI** section addresses air emissions control and energy efficiency requirements, an area of **rapidly increasing enforcement and regulatory scrutiny.** Inspectors focus on fuel quality, sulfur limits, emission control equipment, recordkeeping, and energyefficiency documentation. Non-compliance can result in **detention, fines, fuel change-over orders, or trading restrictions**, particularly in ECAs.

SwiftAction courses in this section focus on **operational compliance and inspection reality,** ensuring crews understand how Annex VI requirements are applied onboard and how inspectors verify compliance in practice.

Who This Section Is For

- Chief Engineers and engine officers
- Masters and senior officers responsible for fuel compliance
- Technical managers and HSQE teams
- Operators trading in Emission Control Areas (ECAs)

Key Benefits

1. **Emission Compliance:** Correct handling of sulfur limits, fuel changeover, and monitoring
2. **Inspection Readiness:** Accurate records and equipment readiness during PSC checks
3. **Operational Confidence:** Clear understanding of ECAs and fuel requirements
4. **Regulatory Alignment:** Compliance with evolving IMO air emission rules

Sample Courses (MARPOL Annex VI)

Course Code	Course Title & Summary
14604	**Bunker Delivery Notes** Addresses fuel documentation, retention periods, and inspection triggers.
14607	**Quality of Fuel Oil** Focuses on fuel compliance, sampling, and non-compliance response.
14615	**Fuel Change-Over Procedures** Addresses procedures, timing, and common inspection findings.

18. Pollution Prevention – Anti-Fouling Systems (AFS) & Ballast Water Management (BWM)

Why This Section Matters

AFS and BWM compliance failures are often procedural rather than mechanical. Inspectors look for consistency between plans, records, system operation, and crew explanations.

The **Anti-Fouling Systems (AFS) and Ballast Water Management (BWM)** section covers two environmental control regimes that receive **increasing enforcement attention**, particularly in environmentally sensitive ports and regions. Deficiencies in coatings, documentation, ballast procedures, or system operation can result in **detentions, discharge bans, port restrictions, or costly corrective actions.**

SwiftAction courses in this section focus on **inspection-driven compliance**, helping crews and managers understand how AFS and BWM requirements are verified onboard and where failures most commonly occur.

Who This Section Is For

- **Masters and deck officers** responsible for ballast and environmental compliance
- **Chief Engineers and engine officers** operating ballast water treatment systems
- **Environmental officers and HSQE teams**
- **Operators trading to ports with strict BWM enforcement**

Key Benefits

1. **Environmental Protection:** Reduced risk of invasive species transfer and coating non-compliance
2. **Inspection Readiness:** Crews can clearly demonstrate system operation and documentation
3. **Operational Confidence:** Correct ballast procedures and recordkeeping
4. **Regulatory Alignment:** Compliance with IMO AFS Convention and BWM Convention
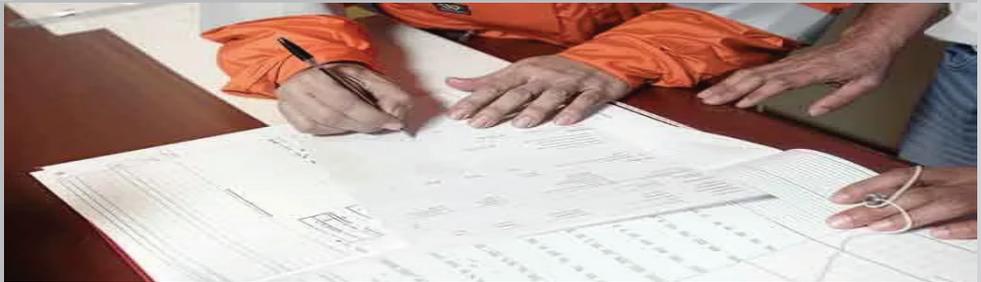
Sample Courses (AFS & BWM)

Course Code	Course Title & Summary
14702	**Logbook Entries Referring to AFS** Focuses on proper recordkeeping and common inspection findings.
14802	**Ballast Water Record Book:** Focuses on accurate recordkeeping and inspection consistency.
14806	**Crew Training and Familiarization** Addresses operational knowledge of ballast water treatment systems.

19. Safety Management System – ISM Code

Why This Section Matters

A weak SMS exposes vessels to repeat failures and escalating enforcement. Inspectors assess whether the SMS is actually used, not just documented.

The **Safety Management System (SMS) – ISM Code** section covers the management framework that underpins **safe operation, regulatory compliance, and continuous improvement** across the vessel and the company. ISM deficiencies are treated seriously by inspectors because they indicate **systemic management failures,** not isolated technical issues. Weak SMS implementation often leads to **repeat deficiencies, expanded inspections, or detentions.**
SwiftAction courses in this section focus on **practical ISM execution**, ensuring crew and shore staff understand how ISM requirements are applied, verified, and enforced during audits and PSC inspections.

Who This Section Is For

- Masters and senior officers responsible for onboard SMS implementation
- Designated Persons Ashore (DPAs)
- Ship managers, superintendents, and HSQE teams
- Shore-based auditors and compliance personnel

Key Benefits

1. System Integrity: Stronger alignment between procedures and actual operations
2. Audit Readiness: Crews and managers prepared for flag, class, and PSC audits
3. Reduced Repeat Findings: Effective corrective action and follow-up
4. Safety Culture: Clear accountability and communication across ship and shore

Sample Courses (ISM Code)

Course Code	Course Title & Summary
15101	**Safety and Environmental Policy** Covers policy implementation and inspector expectations.
15108	**Reports of Non-Conformities, Accidents & Hazardous Occurrences** Addresses reporting procedures and follow-up actions.
15109	**Maintenance of the Ship and Equipment** Covers planned maintenance systems and inspection verification.

20. Labour Conditions & Conditions of Employment (MLC – Advanced)

Why This Section Matters

Employment-related deficiencies often surface through crew interviews, not paperwork alone. Inspectors assess whether conditions are fair, transparent, and consistently applied.

The **Labour Conditions & Conditions of Employment** section builds on core MLC awareness and focuses on the employment relationship, legal protections, and onboard enforcement mechanisms that directly affect crew welfare and operator liability. These items are closely examined during MLC inspections, PSC boardings, and crew interviews, and **deficiencies often trigger expanded inspections, complaints, or detentions.**

SwiftAction courses in this section emphasize **evidence-based compliance,** ensuring that contracts, records, and onboard practices are consistent, current, and defensible under scrutiny.

Who This Section Is For

- **Masters and senior officers** responsible for MLC implementation onboard
- **Crewing managers and HR departments**
- **Ship managers and HSQE personnel**
- **Operators exposed to multi-flag and multi-national crewing environments**

Key Benefits

1. **Reduced Legal Exposure:** Proper employment documentation and wage practices
2. **Inspection Confidence:** Alignment between records, crew statements, and onboard conditions
3. **Crew Welfare Protection:** Improved trust, morale, and compliance culture
4. **MLC Alignment:** Clear understanding of enforceable employment standards

Sample Courses (Conditions of Employment)

Course Code	Course Title & Summary
18201	**Fitness for Duty – Work & Rest Hours** Covers legal limits, recordkeeping, and inspection verification methods.
18202	**Legal Documentation on Work & Rest Hours** Focuses on document accuracy and cross-checking during inspections.
18299	**Other (Conditions of Employment)** Addresses emerging issues and inspection trends.

21. Industrial Personnel (IP Code & Offshore Support)

Why This Section Matters

Industrial personnel operations sit outside traditional seafarer frameworks and attract enhanced regulatory attention. Inspectors assess whether operators understand the risks and controls associated with carrying non-crew personnel.

The **Industrial Personnel** section covers vessels carrying **non-seafarer industrial personnel,** such as technicians, offshore specialists, surveyors, and project staff. These operations are subject to **heightened scrutiny** because industrial personnel are not standard crew under STCW and are often exposed to higher operational risk during transfers, onboard work, and offshore activities. Port State Control, flag administrations, and coastal authorities focus on **documentation, medical fitness, familiarization, transfer arrangements, and compliance with the IP Code.** Deficiencies in this area can lead to **immediate operational restrictions**, suspension of personnel transfers, or detentions.

SwiftAction courses in this section focus on risk control and inspection realism, ensuring operators can demonstrate that industrial personnel are properly authorized, trained, and protected.

Who This Section Is For

- Masters and officers on vessels carrying industrial personnel
- Offshore support vessel (OSV) operators
- Project managers and offshore logistics teams
- HSQE and compliance managers overseeing IP operations

Key Benefits

1. **Operational Authorization:** Clear compliance with IP Code and flag requirements
2. **Inspection Readiness:** Correct documentation and transfer procedures during inspections
3. **Risk Reduction:** Improved safety during transfers and onboard work
4. **Liability Control:** Reduced exposure from improper carriage of non-crew personnel

Sample Courses (Industrial Personnel)

Course Code	Course Title & Summary
19101	**Documentation – Industrial Personnel** Covers required authorization, records, and inspection expectations.
19102	**Ship-Specific Familiarization – Industrial Personnel** Focuses on safety induction, emergency procedures, and verification.
19104	**Transfer Arrangements – Industrial Personnel** Covers gangways, baskets, cranes, and safe transfer procedures.

22. SwiftAction™ Tanker Training
Human Element, Competency & Operational Control (Tanker-Specific)

Why This Section Matters

Investigations repeatedly cite:
- *Inadequate familiarization*
- *Overreliance on checklists without understanding*
- *Poor cross-checking and challenge culture*
- *Fatigue, complacency, and time pressure*

Purpose : Tanker operations are human-element intensive. Most serious tanker incidents and detentions are not caused by missing equipment, but by competency gaps, procedural drift, poor decision-making, and breakdowns in situational awareness during cargo, ballast, bunkering, and emergency operations.

The SwiftAction™ Tanker Training Framework is designed specifically to address the human element and competency risks that inspectors, charterers, and investigators consistently identify across oil, chemical, and gas tankers.

Who This Section Is For

- Masters, Chief Mates, and Cargo Officers
- Chief and Second Engineers
- Pumpmen and cargo watchkeepers
- Tanker superintendents and vetting managers
- New joiners transitioning between tanker types (oil, chem, gas)

Key Benefits

1. **Situational Awareness & Decision-Making**
   - Reading the whole system, not just instruments
   - Anticipating consequences before actions
   - Recognizing early warning signs of deviation
2. **Competency-Based Execution (Not Box-Ticking)**
   - Valve logic and system understanding
   - Cargo compatibility and sequencing
   - Alarm meaning and escalation thresholds
   - When to stop operations and challenge decisions
3. **Communication & Team Coordination**
   - Cargo control room discipline
   - Bridge–engine–cargo communication
   - Closed-loop communication during critical operations
   - Language and terminology clarity
4. **Fatigue, Workload & Error Traps**
   - High-risk periods (arrival, departure, cargo ops)
   - Fatigue-driven decision errors

Sample Tanker-Specific Training Sections (Human Element Integrated)

Course Code	Course Title & Summary
14111	**SBT, CBT, COW Operations**
14116	**Pollution Reporting (Annex I)**
14203	**Tank Washing Equipment**

23. Newbuilding Training –
Site & Head Office (Competence)

Why This Section Matters

Statutory failures in newbuildings originate ashore, not onboard. Errors in certification control, structural compliance, or fire protection made during construction routinely surface as delivery delays, flag findings, or first-PSC deficiencies. This training ensures shore-side teams understand statutory expectations before non-compliance is built into the vessel.

SwiftAction Newbuilding Training is designed for site office and head office personnel involved in vessel construction, supervision, and delivery preparation, where statutory decisions are made long before a vessel enters service. The focus is statutory competence, not shipyard workmanship or production processes. Training leverages existing SwiftAction statutory and inspection-aligned course sections and applies them specifically to the newbuilding lifecycle. Personnel develop a clear understanding of how international conventions and flag requirements apply during design approval, construction oversight, certification sequencing, and delivery preparation. This enables site teams to engage effectively with shipyards, class societies, and flag administrations, and allows head office personnel to prevent late-stage compliance surprises that typically result in delivery conditions, corrective work, or early PSC findings.

Who This Section Is For

- Site office managers and owner's representatives stationed at shipyards
- Head office technical, marine, and HSQE personnel overseeing newbuilding projects
- Newbuilding project managers and fleet expansion teams
- Compliance and certification staff coordinating flag and class activities
- Classification society site office surveyors and plan-approval teams involved in newbuilding oversight
- Shipyard personnel responsible for compliance coordination
- Port State Control and inspection authorities involved in delivery, pre-delivery, or early-service oversight
- Office personnel responsible for delivery documentation and handover readiness

Key Benefits

- **Delivery-Ready Compliance:** Statutory requirements are understood and applied during construction, not deferred to delivery.
- **Reduced Post-Delivery Findings:** Early statutory awareness prevents first-PSC deficiencies and costly corrective work.
- **Stronger Yard Oversight:** Office teams know what flag, class, and PSC will later verify and can intervene early.
- **Improved Flag & Class Interface:** More effective engagement through informed statutory discussions and planning.
- **Lifecycle Advantage:** Construction-stage decisions support long-term compliance and operational resilience.

Sample Courses (Newbuilding Training)

Course Code	Course Title & Summary
Certificates & Documentation	Application of statutory certificates, approvals, documentation control, and certification timing during construction and delivery preparation.
Structural Conditions & Water / Weathertight Integrity	Statutory implications of hull design, watertight closures, compartmentation, and structural arrangements embedded during construction.
Fire Safety & Fire Protection Systems	SOLAS Chapter II-2 requirements as applied to fire protection layout, equipment selection, installation, testing, and certification during construction.

24. Yacht Training – Statutory Competence
(Newbuilding & Operations)

Why This Section Matters

Statutory compliance issues on yachts rarely originate onboard. They stem from misapplied regulations, misunderstood equivalencies, and weak documentation or system readiness established during construction and carried into operation. This training ensures statutory requirements are correctly understood and applied throughout the yacht lifecycle.

SwiftAction Yacht Training is designed for shore-side and operational personnel responsible for the compliance, safety, and inspection readiness of large commercial yachts, from newbuilding through active service. The focus is statutory competence, not seamanship, hospitality, or yard craftsmanship.

Training leverages existing SwiftAction statutory and inspection-aligned course sections, applied through a yacht regulatory lens. Personnel gain a clear understanding of how yacht codes, SOLAS equivalencies, MARPOL requirements, and flag-state interpretations apply during design, construction, certification, and daily operation.

Who This Section Is For

- Yacht newbuilding site office managers and owner's representatives
- Head office technical, marine, and compliance personnel overseeing yacht fleets
- Yacht project managers and operational support teams
- Compliance and certification staff coordinating yacht flag and class activities
- Classification society site office surveyors and plan-approval teams
- Shipyard personnel responsible for statutory compliance coordination
- Port State Control and yacht inspection authorities involved in delivery or operational oversight.

Key Benefits

- **Consistent Statutory Application:** Yacht regulations and equivalencies are applied correctly during construction and maintained during operation.
- **Reduced Inspection Findings:** Early and ongoing statutory awareness prevents delivery conditions and repeat inspection deficiencies.
- **Stronger Compliance Oversight:** Shore-side teams understand what inspectors verify and can intervene before issues escalate.
- **Improved Flag & Class Interface:** More effective engagement through informed statutory discussions and documentation control
- **Operational Continuity:** Compliance decisions support safe, uninterrupted yacht operation across ports and jurisdictions.

Sample Courses (Yacht Training)

Course Code	Course Title & Summary
Certificates & Documentation	Primary statutory scope for yachts. Covers yacht statutory certificates, equivalencies, exemptions, endorsements, and ongoing documentation control required by flag administrations, class, and inspection authorities.
Fire Safety & Fire Protection Systems	Addresses fire protection design, installation, testing, certification, and continued operational readiness under yacht codes and SOLAS equivalencies.
Life-Saving Appliances & Arrangements	Covers placement, access, launching arrangements, capacity, certification, and ongoing readiness of LSA systems as applied to yachts.

25. Final Summary & Value Proposition

Why SwiftAction™?

Traditional training often focuses on rule awareness. SwiftAction focuses on inspection outcomes. Our courses are mapped directly to:

- PSC deficiency categories
- SOLAS, MARPOL, STCW, ISM, ISPS, and MLC enforcement trends
- Common detention drivers and repeat findings

This ensures training is not generic, but targeted, relevant, and defensible.

Key Benefits

- **Reduced Detentions & Deficiencies:** Training aligned to real inspection triggers and enforcement behavior.
- **Operational Consistency:** Standardized understanding across vessels, fleets, and crews.
- **Audit & Inspection Confidence:** Crews know what inspectors will ask, test, and verify.
- **Continuous Compliance:** Training supports corrective action, refresher learning, and risk prevention.
- **Scalable Across Vessel Types:** Applicable to cargo ships, tankers, offshore units, passenger vessels, and OSVs.

Strategic Positioning

SwiftAction™ is not a statutory certificate and does not replace Flag or Class approvals. It is a Certificate of Completion-based training framework designed to:

- Support compliance
- Strengthen safety culture
- Demonstrate due diligence
- Reduce enforcement exposure

Who Uses SwiftAction™?

1. Shipowners and operators seeking to reduce detentions and off-hire
2. Masters, officers, and crew requiring practical, inspection-ready knowledge
3. Shore-based managers and HSQE teams supporting fleet-wide compliance
4. Offshore and specialized operators managing higher-risk operations
5. Flags, ROs, and charterers seeking consistent compliance standards

How SwiftAction™ Is Used

1. Pre-Port Readiness Training
2. Post-Inspection Corrective Action Support
3. Crew Familiarization and Refreshers
4. Fleet-Wide Compliance Programs
5. Targeted Risk-Based Training Following Deficiencies

Closing Statement

In an environment of increasing regulatory pressure, tighter enforcement, and reduced tolerance for error, training is no longer optional - it is a control measure. SwiftAction™ provides the structure, coverage, and realism required to keep vessels compliant, crews confident, and operations uninterrupted.

Certificates & Documentation
Covering all essential ship certificates, crew certificates, and required documents

Ship Certificates

01101 - Cargo Ship Safety Equipment (Exempt)
01102 - Cargo Ship Safety Construction (Exempt)
01103 - Passenger Ship Safety (Exempt)
01104 - Cargo Ship Safety Radio (Exempt)
01105 - Cargo Ship Safety (Exempt)
01106 - Document Of Compliance (DOC/ ISM)
01107 - Safety Management Certificate(SMC/ ISM)
01108 - Load Lines (Including Exemption)
01109 - Decision-Support for Masters- Pass. Ships
01110 - Authorization For Grain Carriage
01111 - Liquefied Gases In Bulk (CoF/GC Code)
01112 - Liquefied Gases In Bulk (ICoF/IGC Code)
01113 - Minimum Safe Manning Document
01114 - Dangerous Chemicals In Bulk (CoF/ BCH)
01115 - Dangerous Chemicals In Bulk (ICoF/ IBC)
01116 - Operational Limitations For Pass. Ships
01117 - International Oil Pollution Prevention(IOPP)
01118 - Pollution Prevention-Noxious Liq. Sub Bulk
01119 - International Sewage Pollution Prevention
01120 - Statement Of Compliance CAS
01121 - Interim Statement Of Compliance CAS
01122 - International Ship Security Certificate
01123 - Continuous Synopsis Record
01124 - International Air Pollution Cert.
01125 - Engine Int'l Air Pollution Prev. Cert.
01126 - Document Of Compliance Danger. Goods
01127 - Special Purpose Ship Safety
01128 - High Speed Craft Safety&Permit Operate
01129 - Mobile Offshore Drilling Unit Safety
01130 - INF Certificate Of Fitness
01131 - International Anti-Fouling-System Cert.
01132 - Tonnage Certificate
01133 - Civil Liability For Oil Pollution Damage Cert.
01134 - Polar Chip Certificate
01135 - Doc. For Carriage Of Dangerous Goods
01136 - Ballast Water Management Certificate
01137 - Civil Liability For Bunker Oil Poll. Damage
01138 - International Energy Efficiency Certificate
01139 - Maritime Labour Certificate
01140 - DMLC (Part I And II)
01145 - Industrial Personnel Safety Certificate
01199 - Other (Certificates)

Crew Certificates
01201 - Certificates For Master And Officers
01202 - Certificate For Rating For Watchkeeping
01203 - Certificates For Radio Personnel
01204 - Certificate For Personnel On Tankers
01205 - Cert. For Personnel On Fast Rescue Boats
01206 - Certificate For Advanced Fire-Fighting
01209 - Manning Specified By The MSMC Doc
01210 - Certificate For Medical First Aid
01211 - Personnel On Survival Craft & Rescue Boat
01212 - Certificate For Medical Care
01213 - Evidence Of Basic Training
01214 - Endorsement By Flag State
01215 - Application For Endorsement By Flag State
01216 - Cert-Personnel On Ships Subject IGF Code
01217 - Ship Security Officer Certificate
01218 - Medical Certificate
01219 - Training&Qualificat'n MLC-Personal Safety
01220 - Seafarers' Employment Agreement (SEA)
01221 - Record Of Employment
01222 - Doc Evidence For Personnel Pass. Ships
01223 - Security Awareness/Desig. Security Duties
01224 - Certificate For Rating Able Seafarer Deck/
Engine And Electro-Technical
01299 - Other (STCW)

Documents
01302 - SAR Co-Op.Plan-Pass.Ships Trade Fixed
01303 - Unattended Machinery Spaces (UMS)
01304 - Declaration Of AFS Compliance
01305 - Log-Books/Compulsory Entries
01306 - Schedules For Watchkeeping Personnel
01307 - Minimum Hours Of Rest
01308 - Records Of Rest
01309 - Fire Control Plan - All
01310 - Signs, Indications
01311 - Survey Report File
01312 - Thickness Measurement Report
01313 - Book- Bulk Cargo Loading/Unloading/ Stow
01314 - SOPEP
01315 - Oil Record Book
01316 - Cargo Information
01317 - Cargo Record Book
01318 - P&A Manual
01319 - Shipboard Mar.Poll.Emergency Plan NLS
01320 - Garbage Record Book
01321 - Endorsement Of Cargo Booklet
01322 - Conformance Test Report
01323 - Fire Safety Operational Booklet
01324 - Material Safety Data Sheets (MSDS)
01325 - ACM Statement Of Compliance (Exempt)
01326 - Stability Information Booklet
01327 - Energy Efficiency Design Index File
01328 - Ship Energy Efficiency Management Plan
01329 - Report Of Inspection On MLC, 2006
01330 - Procedure For Complaint Under MLC, 2006
01331 - Collective Bargaining Agreement
01332 - AIS Test Report
01333 - Ship Spec.Plans-Recovery Persons Water
01334 - STS Operation Plan And Records Ops
01335 - Polar Water Operational Manual
01336 - Doc. Evid. Of Financial Sec.Repatriat.
01337 - Doc. Evid. Of Financial Sec.Owner. Liability
01338 - LNG Bunker Delivery Note
01339 - Copy Of IGF Code Or National Regulations
01340 - State. Of Compliance (MARPOL Annex VI)
01341 - IGF Pre-Bunkering Verification Document

Structural Conditions & Watertight Integrity
02101 - Closing Devices/Watertight Doors
02102 - Damage Control Plan
02103 - Stability/Strength/Loading Inform.&Instrum.
02104 - Info: A/A-Max Ratio (Roro/Pass.Only)
02105 - Steering Gear
02106 - Hull Damage Impairing Seaworthiness
02107 - Ballast, Fuel And Other Tanks
02108 - Electrical Installations In General
02109 - Permanent Means Of Access
02110 - Beams, Frames, Floors-Op.Damage
02111 - Beams, Frames, Floors-Corrosion
02112 - Hull - Corrosion
02113 - Hull - Cracking
02114 - Bulkhead -Corrosion
02115 - Bulkheads - Operational Damage
02116 - Bulkheads - Cracking
02117 - Decks - Corrosion
02118 - Decks - Cracking
02119 - Enhanced Survey Programme (ESP)
02120 - Marking Of IMO Number
02121 - Cargo Area Segregation
02122 - Openings To Cargo Area, Doors, Scuttles
02123 - Wheelhouse -Door -Window
02124 - Cargo Pumproom
02125 - Spaces In Cargo Areas

02126 - Cargo Tank Vent System
02127 - Safe Access To Tanker Bows
02129 - Bulkhead Strength
02130 - Triangle Mark
02133 - Asbestos Containing Materials
02134 - Loading/Ballast Condition
02135 - Beams, Frames, Floors – Construction
02136 - Hull – Construction
02137 - Bulkheads – Construction
02138 - Decks – Construction
02139 - Water Level Detectors On Cargo Ships
02140 - Towing And Mooring Equipment
02199 - Other (Structural Condition)

Water / Weathertight Conditions

03101 - Overloading
03102 - Freeboard Marks
03103 - Railing,Gangway,Walkway&Safe Passage
03104 - Cargo & Other Hatchways
03105 - Covers (Hatchway, Portable, Tarpaulins)
03106 - Windows, Sidescuttles And Deadlights
03107 - Doors
03108 - Ventilators, Air Pipes, Casings
03109 - Machinery Space Openings
03110 - Manholes/Flush Scuttles
03111 - Cargo Ports And Other Similar Openings
03112 - Scuppers, Inlets And Discharges
03113 - Bulwarks And Freeing Ports
03114 - Stowage:Uprights, Lashing,Etc. (Timber)
03199 - Other (Load Lines)

Emergency Systems & Drills

04101 - Public Address System
04102 - Emergency Fire Pump & Its Pipes
04103 - Emergency, Lighting, Batteries & Switches
04104 - Low Level Lighting In Corridors
04105 - Location Of Emergency Installations
04106 - Em'cy Steer Posit.Com./Compass Reading
04107 - Em'cy Towing Arr'ts & Procedures
04108 - Muster List
04109 - Fire Drills
04110 - Abandon Ship Drills
04111 - Damage Control Plan
04112 - Shipb'rd Marine Pollution Em'cy Operation
04113 - Water Level Indicator
04114 - Em'cy Source Of Power - Em'cy Generator
04115 - Safe Areas
04116 - Comms:Safety Center & Control Stations
04117 - Functionality Of Safety Systems
04118 - Enclosed Space Entry And Rescue Drills
04119 - IGF Code Drills And Emergency Exercises
04120 - Damage Control Drill For Passenger Ships
04121 - Crew Familiarization With Em'cy Systems
04122 - Information On Passengers Counting
04123 - IGF Equipment In General
04124 - Purging/Inerting Of Bunkering Lines Discharge In Atmosphere

Radio Communications & GMDSS

05101 - Distress Messages: Obligations & Procedure
05102 - Functional Requirements
05103 - Main Installation
05104 - MF Radio Installation
05105 - MF/HF Radio Installation
05106 - INMARSAT Ship Earth Station
05107 - Maintenance/Duplication Of Equipment
05108 - Performance Standards:Radio Equipment
05109 - VHF Radio Installation
05110 - Facilities:Reception Marine Safety Inform.
05111 - Satellite EPIRB 406MHz/1.6GHz
05113 - SART/AIS-SART
05114 - Reserve Source Of Energy
05115 - Radio Log (Diary)
05116 - Operation/Maintenance
05118 - Operation Of GMDSS Equipment
05199 - Other (Radiocommunication)

Cargo Operations & Securing

06101 - Cargo Securing Manual
06102 - Grain
06103 - Other Cargo/Timber/Deck/ Construction
06104 - Lashing Material
06105 - Atmosphere Testing Instruments
06106 - Cargo Transfer - Tankers
06107 - Cargo Operation
06108 - Cargo Density Declaration
06109 - Loading Instrument
06199 - Other (Cargo)

Fire Safety & Fire Protection

07101 - Fire Prevention Structural Integrity
07102 - Inert Gas System
07103 - Division - Decks,Bulkheads&Penetrations
07104 - Main Vertical Zone
07105 - Fire Doors/Openings:Fire-Resisting Div.
07106 - Fire Detection And Alarm System
07107 - Fire Patrol
07108 - Ready Availability Of Fire Fighting Equip.
07109 - Fixed Fire Extinguishing Installation
07110 - Fire Fighting Equipment And Appliances
07111 - Personal Equipment For Fire Safety
07112 - Em'cy Escape Breathing Device&Dispt'n
07113 - Fire Pumps And Its Pipes
07114 - Remote Means Of Control Mach'y Spaces
07115 - Fire-Dampers
07116 - Ventilation
07117 - Jacketed High Press.Lines&Oil Leak Alarm
07118 - International Shore-Connection
07119 - IGF Bunkering Station, Manifold&Couplings
07120 - Means Of Escape
07121 - Crew Alarm
07122 - Fire Control Plan
07123 - Operation Of Fire Protection Systems
07124 - Maintenance Of Fire Protection Systems
07125 - Evaluation Crew Performance (Fire Drills)
07126 - Oil Accumulation In Engine

A l a r m s

08101 - General Alarm
08102 - Emergency Signal
08103 - Fire Alarm
08104 - Steering Gear Alarm
08105 - Engineers' Alarm
08106 - Inert Gas Alarm
08107 - Machinery Controls Alarm
08108 - UMS - Alarms
08109 - Boiler Alarm
08110 - Closing Water-Tight Doors Alarm
08199 - Other (Alarms)

Living & Working Conditions (MLC)
Crew living quarters, food & catering, and occupational health/safety conditions onboard

09101 - Minimum Age
09102 - Dirty, Parasites
09103 - Ventilation (Accommodation)
09104 - Heating
09105 - Noise
09106 - Sanitary Facilities
09107 - Drainage
09108 - Lighting (Accommodation)
09109 - Pipes, Wires (Insulation)
09110 - Electrical Devices
09111 - Sickbay
09112 - Medical Equipment
09113 - Access/Structure
09114 - Sleeping Room
09115 - No Direct Openings Into Sleeping Rooms

09116 - Furnishings
09117 - Berth Dimensions, Etc.
09118 - Clear Head
09119 - Messroom (Location)
09120 - Clothes Locker
09121 - Laundry
09122 - Record Of Inspection (Accommodation)
09124 - Galley, Handlingroom (Maintenance)
09127 - Cleanliness
09128 - Provisions Quantity
09129 - Provisions Quality
09130 - Water, Pipes, Tanks
09131 - Cold Room
09132 - Cold Room Temperature
09133 - Cold Room Cleanliness
09134 - Food Personal Hygiene
09135 - Food Temperature
09136 - Food Segregation
09137 - Record Of Inspection
09198 - Other (Crew And Accommodation)
09199 - Other (Food)

Safety of Navigation & Bridge Ops
10101 - Pilot Ladders&Hoist/Pilot Transfer Arr'ts
10102 - Type Approval Equipment
10103 - Radar
10104 - Gyro Compass
10105 - Magnetic Compass
10106 - Compass Correction Log
10107 - Automatic Radar Plotting Aid (ARPA)
10109 - Lights, Shapes, Sound-Signals
10110 - Signalling Lamp
10111 - Charts
10112 - Electronic Charts (ECDIS)
10113 - Automatic Identification System (AIS)
10114 - Voyage Data Recorder (VDR)/S-VDR)
10115 - GNSS Recv'r/Terrestrial Radio Nav. System
10116 - Nautical Publications
10117 - Echo Sounder
10118 - Speed And Distance Indicator
10119 - Rudder Angle Indicator
10120 - Revolution Counter
10121 - Variable Pitch Indicator
10122 - Rate-Of-Turn Indicator
10123 - International Code Of Signals-SOLAS
10124 - Life-Saving Signals
10125 - Use Of The Automatic Pilot
10126 - Record Of Drills And Steering Gear Tests
10127 - Voyage Or Passage Plan
10128 - Navigation Bridge Visibility
10129 - Navigation Records
10132 - Communication-SOLAS Chap. 5
10133 - Bridge Operation
10134 - HSC Operation
10135 - Monitoring Of Voyage Or Passage Plan
10136 - Establishment Working Language Onboard
10137 - Long-Range Identification&Tracking (LRIT)
10138 - Bridge Nav. Watch Alarm System (BNWAS)
10199 - Other (Navigation)

Life-Saving Appliances & Survival Systems
11101 - Lifeboats
11102 - Lifeboat Inventory
11103 - Stowage And Provision Of Lifeboats
11104 - Rescue Boats
11105 - Rescue Boat Inventory
11106 - Fast Rescue Boats
11107 - Stowage Of Rescue Boats
11108 - Inflatable Liferafts
11109 - Rigid Liferafts
11110 - Stowage And Provision Of Liferafts
11111 - Marine Evacuation System
11112 - Launching Arrangements For Survival Craft
11113 - Launching Arrangements For Rescue Boats
11114 - Helicopter Landing And Pick-Up Area
11115 - Means Of Rescue
11116 - Distress Flares
11117 - Lifebuoys Incl. Provision And Disposition
11118 - Lifejackets Incl. Provision And Disposition
11119 - Immersion Suits
11120 - Anti-Exposure Suits
11121 - Thermal Protective Aids
11123 - Emergency Equipment For 2-Way Comm.
11124 - Embarkation Arrangement Survival Craft
11125 - Embarkation Arrangements Rescue Boats
11126 - Means Of Recovery Life Saving Appliances
11127 - Buoyant Apparatus
11128 - Line-Throwing Appliance
11129 - Operation Readiness Lifesaving Appliances
11130 - Evaluation, Testing And Approval
11131 - On Board Training And Instructions
11132 - Maintenance And Inspections
11133 - Personal And Group Survival Equipment
11134 - Operation Of Life Saving Appliances
11135 - Maintenance Of Life Saving Appliances
11199 - Other (Life Saving)

Dangerous Goods & Hazardous Substances
12101 - Stowage/Segreg./Package Dang. Goods
12104 - Dangerous Goods Code
12105 - Temperature Control
12106 - Instrumentation
12107 - Fire Protection Cargo Deck Area
12108 - Personal Protection
12109 - Special Requirement
12110 - Tank Entry
12112 - Dang.Goods/Harmful Subst.Pack. Form
12199 - Other (Tankers)

Propulsion & Auxiliary Machinery
13101 - Propulsion Main Engine
13102 - Auxiliary Engine
13103 - Gauges, Thermometers, Etc
13104 - Bilge Pumping Arrangements
13105 - UMS - Ship
13106 - Insulation Wetted Through (Oil)
13107 - Maint'ce Proc.-Gas Related Installations
13108 - Operation Of Machinery
13110 - Precautions Against Electrical Hazards
13199 - Other (Machinery)

MARPOL Annex I – Oil Pollution
14101 - Control Of Discharge
14102 - Retention Of Oil On Board
14103 - Segregation Of Oil And Water Ballast
14104 - Oil Filtering Equipment
14105 - Pumping, Piping And Discharge Arr'ts
14106 - Pump Room Bottom Protection
14107 - Oil Disch. Monitoring And Control System
14108 - 15 PPM Alarm Arrangmts.
14109 - Oil/Water Interface Detector
14110 - Standard Disch. Conn.
14111 - SBT, CBT, COW
14112 - COW Operations And Equipment Manual
14113 - Double Hull Construction
14114 - Hydrostatically Balanced Loading
14115 - Condition Assessment Scheme
14116 - Pollution Report-MARPOL Annex I
14117 - Ship Type Designation
14119 - Oil &Oily Mixtures From Machinery Spaces
14120 - Load,Unload&Clean Proc.Cargo Tankers
14121 - Suspected Of Discharge Violation
14122 - Oil Fuel Tank Protection
14123 - Accidental Oil Outflow Performance
14199 - Other (MARPOL Annex I)

Pollution Prevention - MARPOL Annex II
14201- Efficient Stripping
14202 - Residue Disch.Systems
14203 - Tank Washing Equipm.
14204 - Prohibited Discharge Of NLS Slops

14205 - Cargo Heating Systems - Cat Y Substance
14206 - Vent. Procedures/Equipment
14207 - Pollution Report-MARPOL Annex II
14208 - Ship Type Designation
14299 - Other (MARPOL Annex II)

Pollution Prevention - MARPOL Annex III
14301 - Packaging
14302 - Marking And Labelling
14303 - Documentation (MARPOL Annex III)
14304 - Stowage
14399 - Other (MARPOL Annex III)

Pollution Prevention - MARPOL Annex IV
14402 - Sewage Treatment Plant
14403 - Sewage Comminuting, Disinfecting System
14404 - Sewage Discharge Connection
14405 - Crew Training And Familiarization
14499 - Other (MARPOL Annex IV)

Pollution Prevention - MARPOL Annex V
14501 Garbage
14502 Placards
14503 Garbage Management Plan
14599 Other (MARPOL Annex V)

Pollution Prevention - MARPOL Annex VI
14601 - Technical Files &, Monitoring Manual
14602 - Record Book Of Engine Parameters
14603 - Approval Exhaust Gas Cleaning System
14604 - Bunker Delivery Notes
14605 - Type Approval Certificate Of Incinerator
14606 - Diesel Engine, Air Pollution Control
14607 - Quality Of Fuel Oil
14608 - Incinerator, Operations, Operating Manual
14609 - Volatile Organic Compounds In Tankers
14610 - Operational Procedures Engine,Equipment
14611 - Ozone-Depleting Substances
14612 - SOx Records
14613 - Approved Method
14614 - Sulphur Oxides
14615 - Fuel Change-Over Procedure
14616 - Alternative Arrangements (SOx)
14617 - Sulphur Content Of Fuel Used
14699 - Other (MARPOL Annex VI)

Pollution Prevention - Anti Fouling
14701 - AFS Supporting Documentation
14702 - Logbook Entries Referring AFS
14703 - Paint Condition
14799 - Other (AFS)

Pollution Prevention - Ballast Water
14801 - Ballast Water Management Plan
14802 - Ballast Water Record Book
14804 - Ballast Water Exchange
14805 - Sediment Removal And Disposal
14806 - Crew Training And Familiarization
14809 - Conditions For Exemptions
14810 - Ballast Water Discharge Violation In Port
14811 - Ballast Water Management System
14899 - Other (BWM)

I S M
15101 - Safety And Environment Policy
15102 - Company Responsibility And Authority
15103 - Designated Person(S)
15104 - Masters Responsibility And Authority
15105 - Resources And Personnel
15106 - Shipboard Operations
15107 - Emergency Preparedness
15108 - Reports NC,Accidents&Hazardous Occur.
15109 - Maintenance Of The Ship And Equipment
15110 - Documentation-ISM
15111 - Company Verification,Review&Evaluation
15112 - Certification, Verification And Control
15150 - ISM

MLC – Advanced Employment Conditions - Labor Conditions

Minimum Requirements For Seafarers
18101 - Minimum Age
18102 - Night Working
18103 - Medical Fitness
18104 - Recruitment And Placement Service
18199 - Other (Minimum Requirements)

Conditions of Employment
18201 - Fitness For Duty - Work And Rest Hours
18202 - Legal Documentation On Work&Rest Hours
18203 - Wages
18204 - Non-Payment Of Wages
18205 - Measures-Ensure Transmission-Seafarer's Family
18299 - Other (Conditions Of Employment)

Accommodation,Recreation, Food & Catering
18301 - Noise, Vibration And Other Ambient Factors
18302 - Sanitary Facilities
18303 - Drainage
18304 - Lighting (Accommodation)
18305 - Hospital Accommodation (Sickbay)
18306 - Sleeping Room, Additional Spaces
18307 - No Direct Openings Into Sleeping Rooms
18308 - Furnishings
18309 - Berth Dimensions, Etc.
18310 - Minimum Headroom
18311 - Messroom And Recreational Facilities
18312 - Galley, Handling Room (Maintenance)
18313 - Cleanliness
18314 - Provisions Quantity
18315 - Provisions Quality And Nutritional Value
18316 - Water, Pipes, Tanks
18317 - Food Personal Hygiene
18318 - Food Temperature
18319 - Food Segregation
18320 - Record Of Inspection (Food And Catering)
18321 - Heating, Air Conditioning And Ventilation
18322 - Insulation
18323 - Office
18324 - Cold Room, Cold Room Cleanliness, Cold Room Temperature
18325 - Training And Qualification Of Ship's Cook
18326 - Laundry, Adequate Locker
18327 - Ventilation (Working Spaces)
18328 - Record Of Inspection
18399 - Other (Accommodation, Recreational Facilities...)

Health Protect.,Med.Care,Social Security
18401 - Medical Equipm't,Med.Chest,Med. Guide
18402 - Access To Onshore Med. Doctor Or Dentist
18403 - Standard Medical Report Form
18404 - Medical Doctor Or PIC Of Medical Care
18405 - Medical Advice By Radio Or Satellite
18406 - Med. Care Onboard-Ashore Free-Charge
18407 - Lighting (Working Spaces)
18408 - Electrical
18409 - Dangerous Areas
18410 - Gas Instruments
18411 - Emergency Cleaning Devices
18412 - Personal Protective Equipment (PPE)
18413 - Warning Notices
18414 - Protection Machines/Parts
18415 - Entry Dangerous Spaces
18416 - Mooring Ropes/Lines And Wires
18417 - Anchoring Devices
18418 - Winches & Capstans
18419 - Adequate Lighting - Mooring Arrangements
18420 - Cleanliness Of Engine Room

18421 - Guards-Fencing,Dangerous Mach.
Parts
18422 - Asbestos Fibres
18423 - Preventative Information
18424 - Steam&Pressure Pipes,Wires.
Insulation
18425 - Access / Structural Features (Ship)
18426 - Exposure-Harmful Levels-Ambiant
Factors
18427 - Ship's Occupational Safety,Health
Policies
& Programmes
18428 - On Board Programme For The
Prevention
Of Occupational Injuries And Diseases
18429 - Procedure For Inspection, Reporting
&Correcting
Unsafe Conditions,Investigating&Reporting
On-Board Occupational Accidents
18430 - Ship's Safety Committee
18431 - Investigation After Accident
18432 - Risk Evaluation, Training And
Instruction To
Seafarers
18499 - Other (Health Protection, Medical
Care...)

Industrial Personnel
19101 - Documentation - Industrial Personnel
19102 - Ship Specific Familiarisation -
Industrial
Personnel
19103 - Subdivision & Stability - IP Code
19104 - Transfer Arrangem'ts - Industrial
Personnel
19105 - Medical Certificate - Industrial
Personnel
19106 - Minimum Age - Industrial Personnel
19107 - Stowage-Segregation-Packaging
Dangerous
Goods - IP Code

O t h e r
99101 - Other Safety In General
99102 - Other (SOLAS Operational)
99103 - Other (MARPOL Operational)