

FPSO REGULATORY COMPLIANCE MASTERCLASS

FPSO Regulatory Compliance

Masterclass

Programme Overview

FROM REGULATORY REQUIREMENTS TO AUDIT-READY EVIDENCE



CLEAR ACCOUNTABILITY

STRONGER ASSURANCE

AUDIT READINESS

CONTROLLED COMPLIANCE

Connect international requirements, Flag State, Class and local obligations with practical FPSO compliance plans, inspection readiness and evidence control.

LAGOSPLAN TECHNICAL SERVICES FZE

5 DAYS | INSTRUCTOR-LED | FPSO-FOCUSED

WHY THIS MASTERCLASS

Turn requirements into operational assurance

A five-day practical programme connecting the regulatory framework with the people, controls, certificates and evidence needed to manage FPSO compliance throughout the asset lifecycle.

FPSO compliance spans international instruments, Flag State requirements, Class rules, coastal-state obligations and client standards. Teams need to understand how these layers interact, who owns each obligation and what demonstrates that it has been addressed.

This Masterclass translates that complexity into a working approach: establish applicability, assign responsibilities, organise evidence, prepare for inspections and close findings with traceable actions.

One connected compliance pathway

01 MAP	Identify stakeholders, applicable instruments and lifecycle interfaces.
02 ASSIGN	Connect obligations with accountable functions and required evidence.
03 VERIFY	Review certificates, records, procedures and physical readiness.
04 DEMONSTRATE	Prepare for surveys, statutory inspections and audits.
05 CLOSE	Track findings, corrective actions and verified close-out.

Business value for the client

- Create a shared compliance language across marine, operations, HSE and technical teams.
- Expose gaps in ownership, certification and supporting records before inspection.
- Strengthen coordination with Flag State, Class and local authorities.
- Build a practical foundation for an asset-specific Compliance and Certification Plan.
- Support disciplined follow-up of nonconformities and outstanding actions.

PROGRAMME ARCHITECTURE

Five days, one compliance framework

Each day combines technical explanation, practical examples and exercises. Outputs progressively build a structured compliance and inspection-readiness file.

DAY 1**Regulatory foundations & SOLAS**

Understand the hierarchy of requirements and connect it to FPSO safety and lifecycle decisions.

CORE TOPICS

- IMO instruments, Flag State, Class, coastal-state and client interfaces
- Compliance across projects, commissioning, operations and life extension
- Selected SOLAS topics: fire safety, lifesaving appliances and emergency readiness
- Responsibilities, applicability screening and evidence requirements

APPLIED OUTPUT

Stakeholder and compliance map; initial safety and emergency-readiness checklist.

DAY 2**People, competence & welfare**

Link personnel requirements with operational readiness, welfare and health controls.

CORE TOPICS

- STCW certification, competence, watchkeeping and training records
- MLC / ILO principles, work and rest, accommodation and welfare
- Medical readiness, potable water, food hygiene and sanitary records
- HSE interfaces, review of gaps and corrective actions

APPLIED OUTPUT

Crew compliance and health / sanitary checklist with assigned actions.

Applicability is assessed for the asset, jurisdiction and operating arrangement. Instruments are taught as a practical framework, with the relevant Flag State, Class and local requirements considered during customisation.

PROGRAMME ARCHITECTURE CONTINUED

From specialist interfaces to audit readiness

DAY 3

Helideck & marine interfaces

Examine the compliance interfaces between offshore aviation, the FPSO and supporting vessels.

CORE TOPICS

- CAP 437 as a reference where adopted or required by the relevant parties
- Helideck markings, lighting, obstacles and rescue / firefighting readiness
- COLREG: vessel status, lights, shapes, signals and navigation interfaces
- Coordination with support and shuttle vessels

APPLIED OUTPUT

Helideck readiness and marine-navigation review checklist.

DAY 4

Environment, management systems & security

Connect operational controls with environmental, safety-management and security obligations.

CORE TOPICS

- MARPOL pollution prevention, operational records and discharge controls
- AFS coating documentation and ICLL integrity / load-line interfaces
- ISM: responsibilities, emergency preparedness, audits and nonconformities
- ISPS: access control, security duties, drills and supporting evidence

APPLIED OUTPUT

Environmental, safety-management and security action tracker.

DAY 5

Flag State, Class & GMDSS

Bring certificates, surveys, radio readiness and evidence into one inspection-preparation process.

CORE TOPICS

- Statutory certificates, endorsements and Flag State inspections
- Class survey status and hull, machinery, mooring and topsides interfaces
- GMDSS equipment, operator competence, tests, maintenance and logs
- Mock audit, findings classification and corrective-action close-out

APPLIED OUTPUT

Consolidated audit-readiness file; final assessment when requested by the client.

APPLIED LEARNING MODEL

Practice the decisions behind compliance

Participants work with realistic FPSO scenarios and structured tools. The focus is on recognising gaps, selecting evidence, assigning ownership and preparing a credible response to an inspector or auditor.

Technical modules	Focused explanations of the compliance framework and operational interfaces.
Worked examples	Certificate reviews, evidence checks and typical inspection findings.
Group exercises	Build compliance matrices, checklists and action trackers.
Mock inspection	Inspector / asset-team role play to test evidence and explain readiness.
Daily review	Knowledge checks and discussion of the lessons to apply on the asset.
Assessment	Written and/or oral assessment when included in the agreed delivery scope.

Representative integrated exercise

An FPSO is preparing for a statutory inspection and an upcoming Class survey. Several certificates require verification, crew records contain gaps and operational evidence is distributed across departments. Participants identify applicable requirements, allocate responsibilities, assemble evidence and prioritise corrective actions.

What participants take away

- Regulatory hierarchy and FPSO stakeholder map.
- Sample compliance matrix and certification-planning structure.
- Selected helideck, marine, environmental, health and radio checklists.
- Evidence register and corrective-action tracker templates.
- A repeatable method for organising an audit-readiness file.
- Training material in the digital or printed format agreed with the client.

Templates and examples are adapted to the agreed training scope. A Certificate of Participation and/or Completion is provided in line with the assessment arrangements agreed with the client.

AUDIENCE AND DELIVERY

Build a common approach across the asset

Operations & marine	Operations Managers, OIMs, Marine Superintendents and Coordinators.
Compliance & HSE	Regulatory Compliance, HSE / QHSE, Technical Assurance and Security teams.
Technical functions	Maintenance, Inspection, Asset Integrity and Engineering teams.
Projects & readiness	EPCI, conversion, commissioning, start-up and Operations Readiness teams.
Support functions	Crewing, Logistics, Document Control and training stakeholders.

Recommended delivery format

Duration	5 days; a modular schedule can be agreed while preserving the learning sequence.
Mode	In person / In company. Delivery and adaptation are agreed with the client.
Language	English.
Entry level	Basic offshore or maritime familiarity. No advanced legal knowledge required.
Customisation	Selected asset, jurisdiction, Flag State, Class and client requirements; anonymised examples where available.

Led by practical FPSO experience

Humberto Palmeira | Regulatory Compliance & FPSO Operations Specialist

More than 35 years of offshore oil and gas experience, spanning regulatory compliance, operations readiness, asset integrity assurance, certification, audits and multidisciplinary coordination in Brazil, the UAE and international projects.

Bring the Masterclass to your team

Discuss your asset, audience and compliance priorities with Lagosplan to define the delivery scope and tailor the exercises to your operating context.

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