Ship Supply and Vessel Stores Management: Marine Spares, Provisions and Onboard Inventory

19 – 23 July 2027
Dubai - Five-star CBD venue



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Introduction:

Ship supply and vessel stores management decides whether a vessel sails with the right spares, stores and provisions on board or waits at berth for a missing part. Unclear requisitions, weak spares criticality ranking, late deliveries alongside and poorly controlled catering spend drive up operating costs and put planned maintenance at risk. This Core Concept course gives fleet purchasing, technical and ship chandling staff a working method to classify spares, run the requisition to delivery cycle, budget provisions per crew-day, use bonded supply and control supplier performance. Participants build a Fleet Stores and Spares Procurement Plan for a case fleet.

Course Objectives:

- Classify ship spares and consumable stores by criticality and set onboard minimum and maximum stock levels for each vessel
- Run the requisition, quotation, purchase order and delivery cycle using standardised marine stores codes and clear item specifications
- Link spares demand to the planned maintenance system so that parts are ordered ahead of scheduled overhauls and surveys
- Prepare provisions and catering budgets on a cost per crew-day basis and monitor victualling spend against them
- Arrange delivery alongside, through the chandler or as urgent spares in transit, with correct bonded and customs documentation
- Measure supplier and fleet supply performance with KPIs and act on cost, lead time and quality variances

Target Audience:

- Fleet purchasing staff who raise enquiries, compare quotations and place orders for spares, stores and provisions
- Technical superintendence staff who approve spares requisitions and plan parts for maintenance and dry-docking
- Ship management staff who control vessel stores, lubricants and victualling budgets across a fleet
- Ship chandling and marine supply staff who quote, pack and deliver orders to vessels in port
- Logistics and forwarding staff who move urgent spares and stores in transit to ships
- Onboard stores and catering staff who keep inventory records and raise replenishment requests

Course Outline:

Day 1: Marine Supply Chain and Vessel Stores Landscape

- Marine Supply Chain Map: Owner, Ship Manager, Chandler, Forwarder and Vessel
- Vessel Stores Categories: Deck, Engine, Cabin, Safety Stores and Lubricants
- Ship Spares Versus Consumables: Ownership, Budget Heads and Approval Rules
- Ship Chandler Role: Port Turnaround, Credit Lines and Delivery Alongside
- Current-State Vessel Stores and Spares Supply Diagnostic Sheet

Day 2: Spares Criticality, Coding and Onboard Inventory Models

- Spares Criticality Ranking Matrix: Safety, Propulsion and Cargo Impact
- Onboard Minimum and Maximum Stock Levels and Reorder Point Calculation
- Standardised Marine Stores Coding and Item Specification Discipline
- Planned Maintenance System Links: Job Plans, Parts Lists and Overhaul Kits
- Onboard Inventory Records, Location Codes and Stock-Take Routine

Day 3: Requisition to Delivery, Provisions and Ship Chandling Practice

- Requisition to Purchase Order Workflow: Enquiry, Quotation Comparison and Approval
- Provisions and Catering Budget Build on a Cost per Crew-Day Basis
- Victualling Menu Planning, Food Storage Temperatures and Waste Control
- Delivery Alongside Planning: Launch, Crane, Tally and Signed Delivery Receipt
- Supplier Framework Agreements: Price Lists, Port Coverage and Delivery Terms

Day 4: Urgent Spares, Customs, Quality and Supply Cost Control

- Urgent Spares Logistics: Air Freight, Hand Carry and On-Signer Delivery Options
- Ship's Stores in Transit and Bonded Supply Documentation Checklist
- Counterfeit and Non-Genuine Parts Detection: Certificates and Traceability Checks
- Supplier Performance KPIs: Lead Time, Fill Rate, Price Variance and Damage Rate
- Stores Cost Control: Consolidated Ordering, Surplus Redistribution and Spend Analysis

Day 5: Modelling Build: Case Fleet Stores and Spares Procurement Plan

- Case Fleet Data Pack: Vessel Particulars, Trading Pattern and Maintenance Schedule
- Spares Criticality and Stock Level Model for a Case Vessel
- Annual Stores and Victualling Budget Model With Port Supply Scenarios
- Urgent Spares Disruption Exercise: Main Engine Part Delivered to a Remote Port
- Fleet Stores and Spares Procurement Plan Presentation and Peer Challenge

Skills You Will Gain:

- Spares Criticality Analysis
- Onboard Stock Level Setting
- Marine Stores Coding
- Victualling Budget Control
- Ship Chandler Coordination
- Bonded Stores Documentation
- Counterfeit Parts Screening
- Marine Supplier Performance Measurement

Why Attend This Course:

- Return with a Fleet Stores and Spares Procurement Plan built on a case fleet data pack
- Cut vessel waiting time by planning parts ahead of maintenance and choosing the right urgent delivery route
- Defend stores and victualling spend to management with crew-day figures and supplier KPI evidence
- Compare supply practice with peers from tanker, bulk, container, offshore and chandling operations

Conclusion:

Vessel supply works when spares are ranked by criticality, requisitions are clear, provisions are budgeted per crew-day and suppliers deliver alongside on time. The course moves from the marine supply chain and stores categories, through criticality ranking, stock levels, coding and planned maintenance links, to requisition, catering and delivery practice, then to urgent spares, bonded supply, parts quality and cost control. The final day applies these methods to a case fleet and produces a Fleet Stores and Spares Procurement Plan.