



## **Intermodal Freight Transport**

**Course Venue:** UAE - Dubai

**Course Date:** From 14 Oct 2018 To 1 Nov 2018

**Course Place:** Boulevard Sheikh Mohammed Bin Rashid

**Course Fees:** 16350 GBP



## **Introduction**

### **On completion of this practical course you should be able to:**

- Define the specific concepts, tools and techniques required by smooth international cargo trade/movement.
- Discuss general management and business concepts for freight transport.
- Examine the role of the Channel Tunnel in the development of long-haul combined transport operations between the UK and Europe
- Justify the use of, a number of different transport modes, such as road, rail or inland waterway or either short- or deep-sea shipping.
- Determine the means of delivering goods using two or more transport modes, recounting both European experience and UK developments
- Reporting on the extensive political influences on the forms of transport

## **Course Outline**

### **What Is Intermodal Freight Transport?**

- The background to intermodalism
- The impact of the Channel Tunnel
- Freight transport growth
- Definitions
- Why intermodalism now?
- The potential market for intermodal transport
- The future for intermodal freighting

### **UK and EU Policies for Intermodal Transport**

- UK Government policy
- Intermodal policy in the EU
- Chronology of reports and legislation

### **Intermodal Developments in the UK**

- Euro-trade and the Channel Tunnel
- The rail scene
- Tall and long boxes: the new container revolution
- Government grant aid
- Commercial developments
- Combined transport vehicles
- Working time and fuel prices

### **Intermodal Transport in Europe**

- Euro-enlargement
- IRU/UIC position statement on combined transport
- Research and further action
- The EU's Intermodality Task Force
- Rail interoperability
- Inland waterways
- Current activities: an overview
- Financial support



- Operational developments
- The way forward

### **Intermodalism in North America and World Markets**

- North America
- Canada
- The Baltic States
- Asia
- The Middle East
- Australia

### **The Road Haulage Role in Intermodalism**

- Lorry sizes and weights for intermodal operations
- Operator licensing, community authorizations and professional competence
- Exhaust emissions, noise limits, and energy consumption
- Limits on driver working times
- Safety law for carrying containers and working in docks
- Safety in docks
- Lorry Road User Charging: LRUC
- Road traffic accidents
- Road haulage operations

### **Rail-Freight Operations**

- Britain's privatized railway
- Rail operations in Europe
- European Railway Agency
- The Euro-wide railway: Railion
- UK rail-freight strategy
- Rail freight in decline
- The loading-gauge issue
- Piggyback operation
- Rolling highways
- The Central Railway project
- Channel Tunnel Rail Link
- Eurotunnel
- Freight aggregators and integrators
- Locomotive power

### **Inland Waterway, Short-Sea, and Coastal Shipping**

- Waterway statistics
- Inland waterways
- UK inland waterways
- Inland waterways in Europe
- Short-sea and coastal shipping
- Container shipping

### **Environmental and Economic Issues**

- An environmental solution
- Freight by road, rail, or waterway?
- The EC's view



- The environmental impact of transport
- 'Something must be done'
- Vehicle exhaust emissions
- Environment reports
- The economic issue

### **Grant Aid and Government Support**

- UK Government grants
- EC grants

### **Intermodal Networks and Freight Interchanges**

- The TEN-Ts
- Trans-European Rail Freight Freeways
- Motorways of the Sea
- Infrastructure developments in retrospect
- Freight interchanges (terminals)
- The EC's 2004 list of 30 TEN-T projects

### **Intermodal Road and Rail Vehicles and Maritime Vessels**

- Road vehicles
- Bimodal semi-trailer systems
- Rail wagons
- Maritime vessels

### **Intermodal Loading Units, Transfer Equipment and Satellite Communications**

- Swap bodies
- Freight containers
- Lifting equipment
- Other handling equipment
- Satellite tracking of vehicles and loading units

### **Carrier Liability in Intermodal Transport**

- International agreements
- Liability in domestic road and rail operations
- International carriage of goods by road: CMR
- International carriage of goods by rail: CIM
- Compensation for loss
- Liability rules for multimodal transport
- GIT insurance protection

### **Intermodal Documentation and Authorizations**

- CMR consignment notes for international haulage journeys
- Consignment notes for own-account carriage by road
- CIM consignment notes for international rail journeys
- Combined/multimodal transport documents
- Legal requirements for international road haulage journeys
- Community authorization
- Road haulage cabotage
- Bilateral road haulage permits



- Eco-points for transit of Austria
- Permit checks
- Own-account transport operations
- Other documents

### **Customs Procedures**

- Community Transit
- Transport International Routier (TIR)
- ATA Carnets
- Carnets de Passage

### **International Carriage of Dangerous Goods**

- Dangerous goods legislation
- The international carriage of dangerous goods by rail: RID
- The carriage of dangerous goods through the Channel Tunnel (IGC)

### **Safety in Transport**

- Safety in road freighting
- Rail safety
- Freight container safety regulations
- International standards for swap bodies
- Maritime safety
- Duty of care