



PORT & SHIP FAMILIARISATION

Course

PORT & SHIP FAMILIARISATION COURSE

A THREE DAY ON-SITE EXPERIENCE

OBJECTIVES OF THE COURSE

With a specific focus on people working in marine claims industry.

During the course, the participants will be familiarised with the following aspects of shipping and port operations:

- Marine nomenclature
- The ship: lay-out, construction and operations
- Port / terminal procedures
- Transportation and storage of cargoes, containerised, palletised and bulk
- The operations of a shipyard
- Marine / cargo surveying

The intention of the course is to provide the participants with basic practical knowledge and background information, which will assist them during their daily tasks at the office when dealing with marine claims and insurance issues.

The participants will be given the opportunity to become acquainted with the handling, operation and condition of containers, bulk and metal products, reefer containers, perishables, dry docks and port related matters summarised below.

CONTAINER INSPECTION / SCAN BY CUSTOMS AT ROTTERDAM-MAASVLAKTE

Container transport by land, sea and air is rapidly increasing, and at Rotterdam, one of the world's largest seaports, millions of containers are loaded and unloaded annually. This number will continue to rise over the years to come.

To inspect this large flow of goods as efficiently as possible, customs have introduced the Container Inspection System, often referred to as container scan. By using this advanced system, containers can be inspected faster than before as the containers will no longer have to be opened.

The container scan consists of a tunnel with X-ray equipment through which lorries with containers are driven. Images of the contents of the containers are sent to monitors and checked by specialised customs officers.

Occasionally, customs may find further inspection of a container necessary. This will be carried out by qualified loading and unloading personnel in a specially designed warehouse at the customs area. Course participants will be given a presentation of the customs facilities, as well as a demonstration of the aforementioned container scanning process.

SHIP'S VISIT

If possible, a (container) vessel may be visited in order to gain an impression of the magnitude of size and operations from the bridge, where high-tech equipment may be demonstrated and explained by the vessel's staff. Perhaps an interesting tour of the engine room may also be experienced.



DRY BULK TERMINAL

The Rotterdam port comprises various large dry bulk terminals where a wide variety of dry bulk cargo's is handled. Amongst them are terminals of EMO, EBS, ZHD, MARCOR, EECV, ADM, RBT and Van Uden. Each of these terminals is specialized in handling a particular range of products. The different cargoes are transported to Rotterdam from all over the world and vary from clay from China, to coal from Australia, to fertilizers from Egypt and agri-bulk from Russia.

At some of these terminals the largest sized bulk carriers have direct access to the berthing facilities, due to its short access to the North Sea and large drafts, up to 23 metres.

Besides various types of shore cranes and an extensive network of conveyor belt systems, a number of floating cranes is available in the Rotterdam port, which are used for board-board operations at various locations throughout the port. By using these floating cranes in board-board operations, inland barges can be handled in a more economical way (less cargo moves). Since the majority of dry bulk cargo's is transferred to the final receivers in the hinterland by barge, the floating cranes take care of a considerable part of the operations.

Due to the wide variety of dry bulk products, various types of storage are in use, ranging from open yard storage with specialized drain systems for coal, to specialized agri-bulk silo's and sheds with integrated loading installations for railway cars and trucks. Besides loading and discharging of cargo's, various sorts of value added logistics are provided throughout the port, such as sorting, gassing, cleaning, sieving, mixing, etc.

Each of the products require maintenance and control to varying degree. For example agri-bulk products require more attention due to European health and environment legislation.

We are planning to visit one of the larger dry bulk terminals of the Rotterdam, which is a major multipurpose dry bulk terminal operator in the port of Rotterdam. Its main activities are the loading, unloading, storage and transshipment of dry bulk products. Examples include coal, minerals, agri-bulk and biomass products.

The company consists of two terminals and a fleet of floating cranes and handles around 12 million tonnes of different products annually. The terminals are located in strategic locations in the Rotterdam port area.



LOGISTIC SERVICES

A service provider has 12 of its own terminals covering more than 2,000,000 m² of available space.

These terminals are ideal, with very modern handling equipment, well maintained warehouses and trained staff, all in accordance with strict regulations in the field of safety and security. Alongside that, they provide a variety of services such as forwarding, stevedoring and chartering. Apart from base metals, ferro alloys, soft commodities, chemicals and plastics, project cargo is also being handled.

Course participants will be shown a variety of commodities and metal related products. The appearance of atmospherical (and aggressive) rust will be demonstrated, a silver nitrate test will be shown and various aspects of transport damage to these materials will be explained.

REEFER CONTAINER DEPOT

The reefer container depot of one of the top five shipping companies in the world will be visited.

In order to effectively maintain and service the stock of reefer containers, this depot is located

in the Waalhaven area, where the participants will be given a detailed explanation of a working reefer container, including the names of numerous components pertaining to an integral cooling unit.

FRUIT WHARF

A Fruit Wharf specialised in the handling and storage of fruit and vegetables transported by sea, road and barge. On arrival of the cargo, either by reefer ship or container, a Fruit Wharf performs a check on the condition of the cargo.

Furthermore, every pallet is bar-coded and entered into a tracking and tracing system, which enables customers to track and trace their fruit until delivery anywhere in Europe.

The participants will attend several cold stores, where the storage and logistics of palletised cargo will be explained, and various condition aspects of fruit will be shown.



SHIPREPAIR YARD

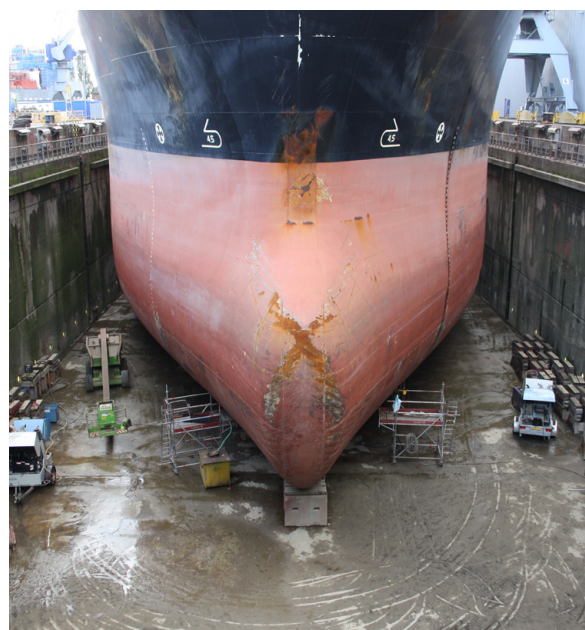
A shiprepair yard, fully equipped for maintenance, general repairs, dry-dockings and afloat repairs will be visited. The yard provides thorough and licensed services for some well-known manufacturers of main and auxiliary engines, propulsion systems, propellers and sealing arrangements.

Furthermore, a range of floating cranes, work barges, service cars and mobile equipment is available for harbour and voyage repairs.

After a presentation of the yard, the participants will attend graven and floating docks, where the outer hull of several vessels can be fully inspected.

TARGET AUDIENCE

Claim handlers and marine underwriters will especially benefit from the course.



ARRANGEMENTS

The course and on-site visits will be given by senior surveyors of BMT Surveys and the group size will be limited to eight participants per course in order to offer optimum personal attention.

We will provide the necessary safety gear and suitable working clothes for this practical course, as well as guided transportation to and from the port/ship. Lunch breaks and dinners will be hosted by BMT Surveys.

We will arrange the evening entertainment programme and members of our staff will be available during the evening meals to offer explanation and discuss everything seen during the day.

The course takes place from Tuesday evening (introduction dinner) to Friday afternoon (13:00 hours). Each participant will receive a certificate of participation

Reactions of participants:

- “Very interesting”
- “None of the time was wasted”
- “Excellent programme”
- “Course was very well organised”
- “Everything we did was beneficial and helpful for my job”

For more information, please visit our website:
www.bmtsurveys.com

WE LOOK FORWARD TO WELCOMING YOU TO ROTTERDAM!