

Seminar/course for shipping professionals

Chemical tankers / Oil tankers

23-24 October 2018



Day One 23 October:

First session: 0900-1200

Welcome - introduction to the course

Types of tankers. Oil tankers, oil tankers for vegoil, chemical tankers

Where do rules and regulations come from? Structure of IMO, -the main committees MEPC and MSC with associated sub-committees, in particular. Resolutions and circulars concerning the carriage of liquid chemicals in bulk

IMO-regulations for chemical tankers. IBC-code. We concentrate on:

- Definition of ship type and –requirements (ST 2 and ST 3)
- Chapters 17 + 18 and 19 (*cargo lists and index*)
- Special requirements, chapter 15
- Operational requirements, chapter 16

(The duration and thoroughness of this lesson depend on the participants' background and routine in using the IBC Code in their daily work)

Certificate of Fitness (C.o.F.) - the importance of notes to the certificate

Second session: 1300-1700

Cargo segregation. (IBC chapter 3 and 46CFR150)

The MARPOL convention

Going through **MARPOL Annex II** emphasizing on regulations 12 to 18 (*stripping requirements, prewash, exemption for prewash, control of discharge of residues of noxious liquid substances, ventilation of cargo residues, P&A Manual, Cargo Record Book, Measures of control, reception facilities*)

Prewash/no prewash? High-viscosity/low-viscosity? Solidifying/non-solidifying?

Selected parts from **MARPOL Annex I**



Day Two 24 October 2018

Third session: 0800-1200

Handling **Blends of petroleum oil and bio-fuels**. *FAME, 100% FAME, mix of FAME and gasoil. Mix of alcohol and mineral oil. Documentation. MEPC.1/Circ.761.*

Going through the very important **MEPC.2/Circ.22** (*tripartite agreements, trade names, vegoil synonyms, use of cleaning additives, etc.*)

Acceptance of a cargo (*“Can we carry this cargo”?*)

Exercises and examples

Tank coating. Care of tank coating. Restrictions

Stainless steel. Care of stainless steel cargo tanks and st.st. piping

Fourth session: 1300-1700

Cargo handling

Use of inert gas and nitrogen (N₂)

Practical tank cleaning when carrying Annex II products

Tank cleaning safety (ISGOTT, TSG Chemicals)

News from IMO and the industry

Evaluation