Maritime TeleMedicine
ILO-MARITIME LABOUR CONVENTION-2006

Emmie Knudtzon Snincak

MARITIME MEDICAL CLINIC in BERGEN, NORWAY
BIOGRAPHY
EMMIE B. KNUDTZON SNINCAK
Norway

- Norwegian MD, studied at University of Lausanne, Switzerland

- 32 years as company MD in off-shore and shipping

- Advisor in oil spill accidents in the Gulf of Mexico in 2010, Prestige and Rocknes.

- Medical Director, General Manager and Owner of Maritime Medical Clinic for Seafarers, Maritime Telemedicine as.

- Founder of Maritime Telemedicine Ltd in Cyprus.

- Member of ILO committees-Medical chest and Health requirements for seafarers

- First Medical Doctor having successfully completed the ILO MLC 2006 course in Turin, Italy 2010, for “Training of trainers and maritime inspectors on the application of the ILO-Maritime Labour Convention, 2006.”
Medical staff at the Maritime Clinic in Bergen, Norway

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Maritime Telemedicine

• Definition:
• Communication about MEDICAL matters between VESSEL (master-seafarers) and ashore, or on the vessel

• Contact by speech, numbers, drawings, text, ECG, medical biodata, pictures, video, conferenceroom
Fourth pillar

1. SOLAS - Safety Of Life At Sea
2. MARPOL - International conventions for the Prevention of Pollution from ships
3. STCW - International convention on Standards of Training, Certification and Watchkeeping
4. MLC 2006 - Maritime Labour Convention
Always in compliance with NATIONAL REQUIREMENTS

Applies to ships of 500 gt and over

”International voyage”

Certified every 5 years and interim 2-3 years: DECLARATION OF MARITIME LABOUR COMPLIANCE

MLC is a minimum standard

For all seafarers and all ILO members

”No favourable treatment” for any seafarer nor flag

Enter into force 1 year after ratification from 30 countries

WORKING and LIVING CONDITIONS

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Why is the MLC a "must" for the shipowners?

To avoid:

• The ship to be stopped or retained in port
• No contracts
• No or high insurance premiums
• Seafarers preferring other companies
The MLC is organized in 3 main parts
1. Articles - 16
2. Regulations
3. Codes
   – Standards (Part A) mandatory
   – Guidelines (Part B) non mandatory
Regulations and codes are divided in 5 TITLES
The 5 TITLES

1. Minimum requirements for seafarers to work on a ship
2. Conditions of employment
3. Accommodation, recreational facilities, food and catering
4. Health protection, medical care, welfare and social security protection
5. Compliance and enforcement
Title 1

Medical Certificate for seafarer (R1.2)

Where could the certificate be sent?

1. To Maritime Authorities
2. To National Center of Maritime Medicine
3. Information to shipowner ashore
   Important for: manning, safety manning, sickleave, duties
4. Information to Master
5. Seafarer
Title 3
Accommodation, recreational facilities, food and catering

- Size of rooms
- Heating and ventilation
- Noise and vibration
- Sanitary facilities
- Lighting
- Hospital accommodation
- Food and catering
Title 4.
Health protection, medical care, welfare and social security protection.

• Medical care on board ship and ashore (R4.1)
• Prevention of work related accident and disease (A4.1.e)
• Risk assessment and work related hazards (R4.3.2+4)
• Right to visit a qualified medical doctor or dentist in port (4.1.c)
• Medical report form (B4.1.2)
• Social security (R4.2)
Data sheets, work places, function, activities, personnel protection equipment, seafarers
"Ship Medicine"

- Ship Hospital
- Medicines
- Medical equipment
- Nursing equipment
- Med. responsible on board
- First aid team
- Medical courses
- Medical training

- Internal communication
- Communication to other ships and ashore (A4.1.4.d)
- Medical guide (A4.1.4.a)
- Medical journal (A4.1.2.)
- Medical chest certificate (A4.1.4a)
- Ship owners medical doctor
- Doctor on call
- Radio Medico
MARITIME TELEMEDICINE:
Bringing the doctor to the patient
A.4.1. Maritime Telemedicine
Medical care onboard

1. Store and forward
   - Medical images
   - Biosignals
   - Dermatology
   - Radiology
   - Pathology

2. Remote monitoring
   - BP
   - Pulse
   - Temperature
   - SaO2
   - Heart rhythm

3. Interactive services
   - Real-time interaction
   - Video-conference
   - Guidance to examination
   - Medical treatment
Different purposes – same technology

Communication technology needed for medical purposes – just as usable for operational, technical and social needs
DIGITAL.SHIP: You know how!

We know:

Maritime Telemedicine
- promotion
- prevention
- diagnostic
- treatment
We can help you with systems to prepare for

- Declaration of Maritime Labour Compliance Part 1 (authority) and 2 (ship owner)
- Maritime Labour Certificate.

Emmie Knudtzon Snincak
THANK YOU FOR YOUR ATTENTION