



**Svendborg International Maritime Academy**

Jan Askholm, Vice President (Academics)

**Maritime Education and Training in Denmark**

**MUF Conference, November 24-26<sup>th</sup>**



**Marine Engineer | Master Mariner | Ship Officer**

- 650+ students
- Educations at professional bachelor level
- 150+ students in internship around the world
- 1.200+ persons on professional training
- 80+ employees

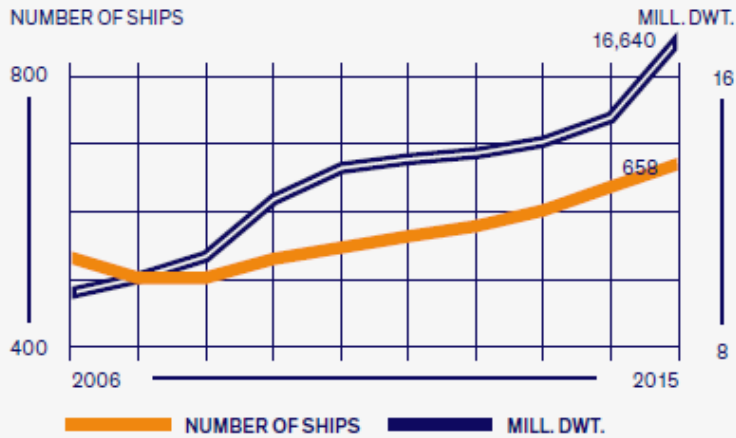
# "The Blue Denmark"



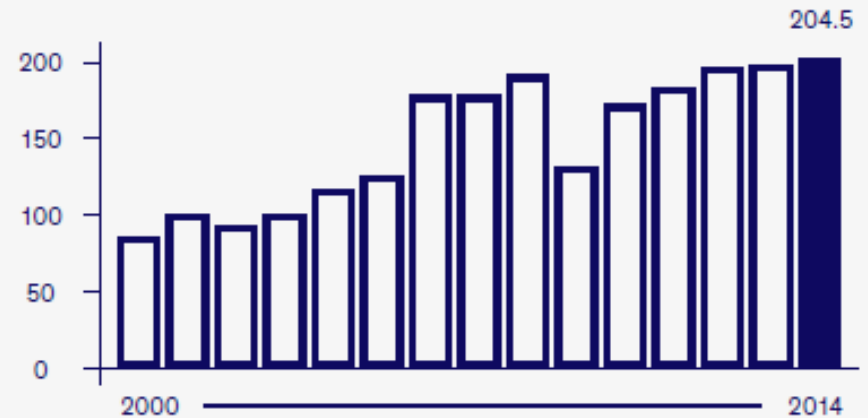


# A few facts and numbers

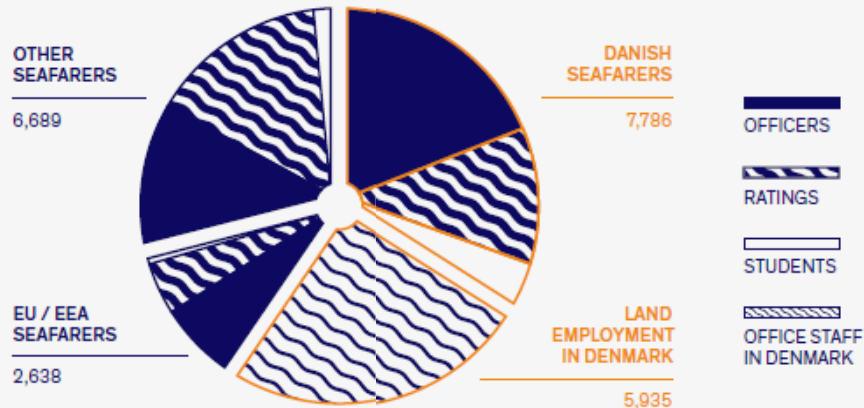
## DANISH MERCHANT FLEET APRIL 2015



## FOREIGN CURRENCY EARNINGS OF DANISH SHIPPING IN BN DKK



## SHIPPING EMPLOYMENT IN DENMARK AND ON DANISH-FLAGGED SHIPS IN 2014



Source: Danish Shipping  
– Annual Logbook 2015

# A change of paradigm

- The third "T"



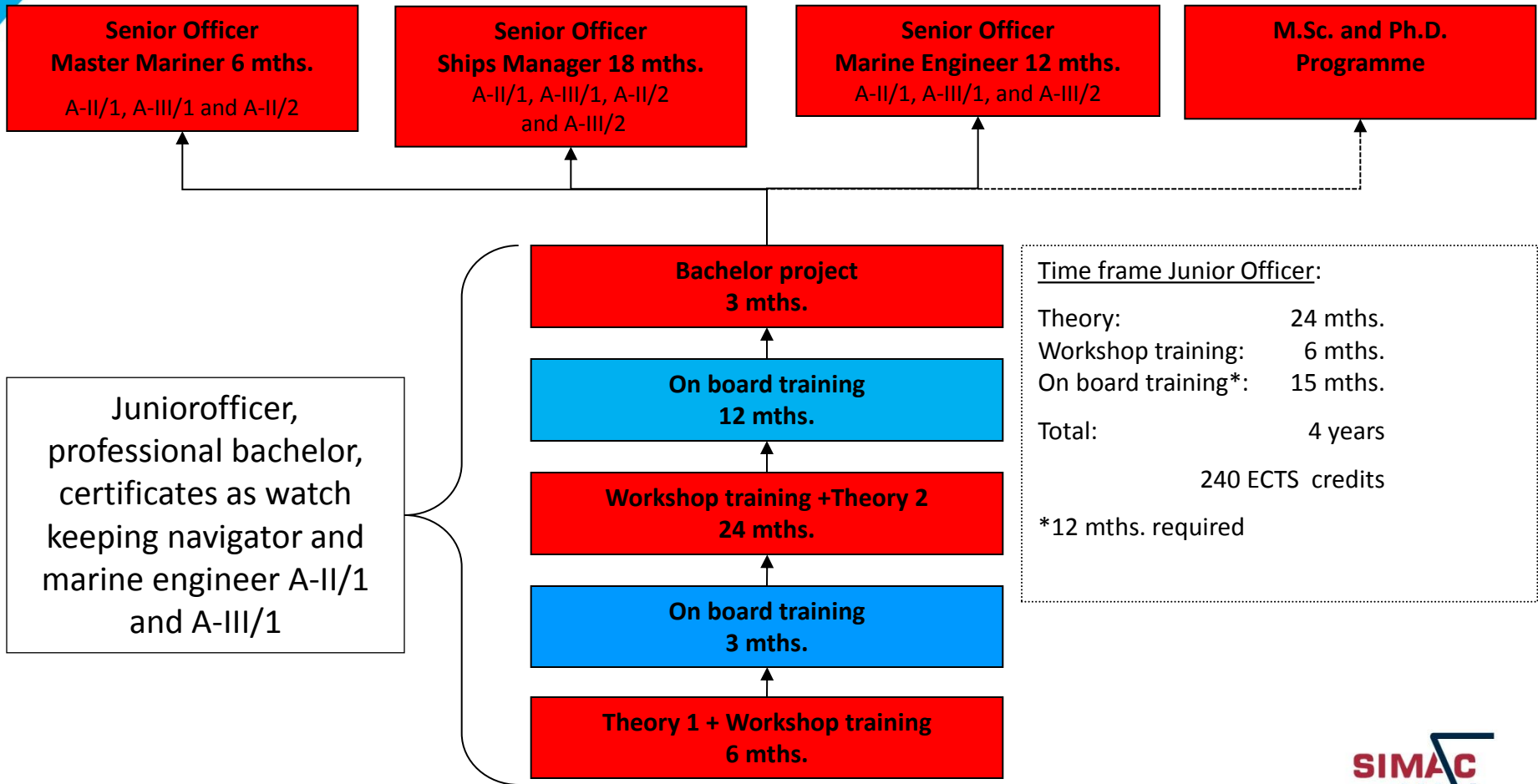
# The dual Ship's Officer

- Combines the two classic study programmes (Master Mariner and Marine Engineer) into one.

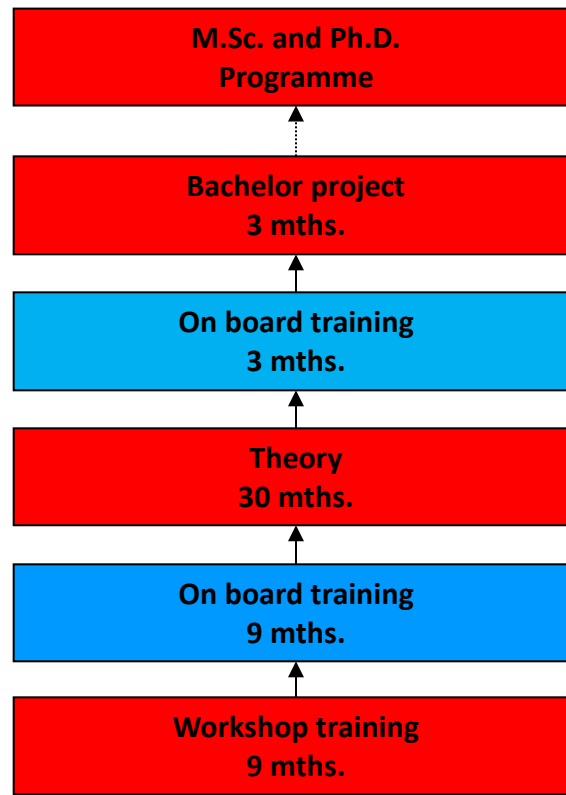


- Provides young students with overall comprehension of the operations involved in a modern, technologically advanced merchant vessel.

# Ship's Officer



# Marine Engineer



Marine Engineer,  
professional bachelor,  
certificate as watch  
keeping engineer  
A-III/2 and A-III/6

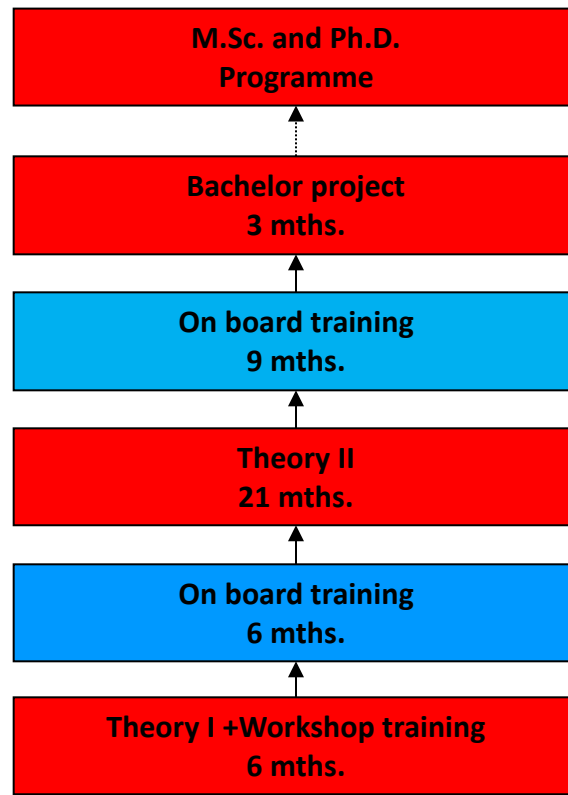
## Time frame Marine Engineer:

Theory:	33 mths.
Workshop training:	9 mths.
On board training:	12 mths.
Total:	4½ years
	270 ECTS credits



# Master Mariner

Master Mariner,  
professional bachelor,  
certificate as watch  
keeping navigator  
A-II/2



## Time frame Master Mariner:

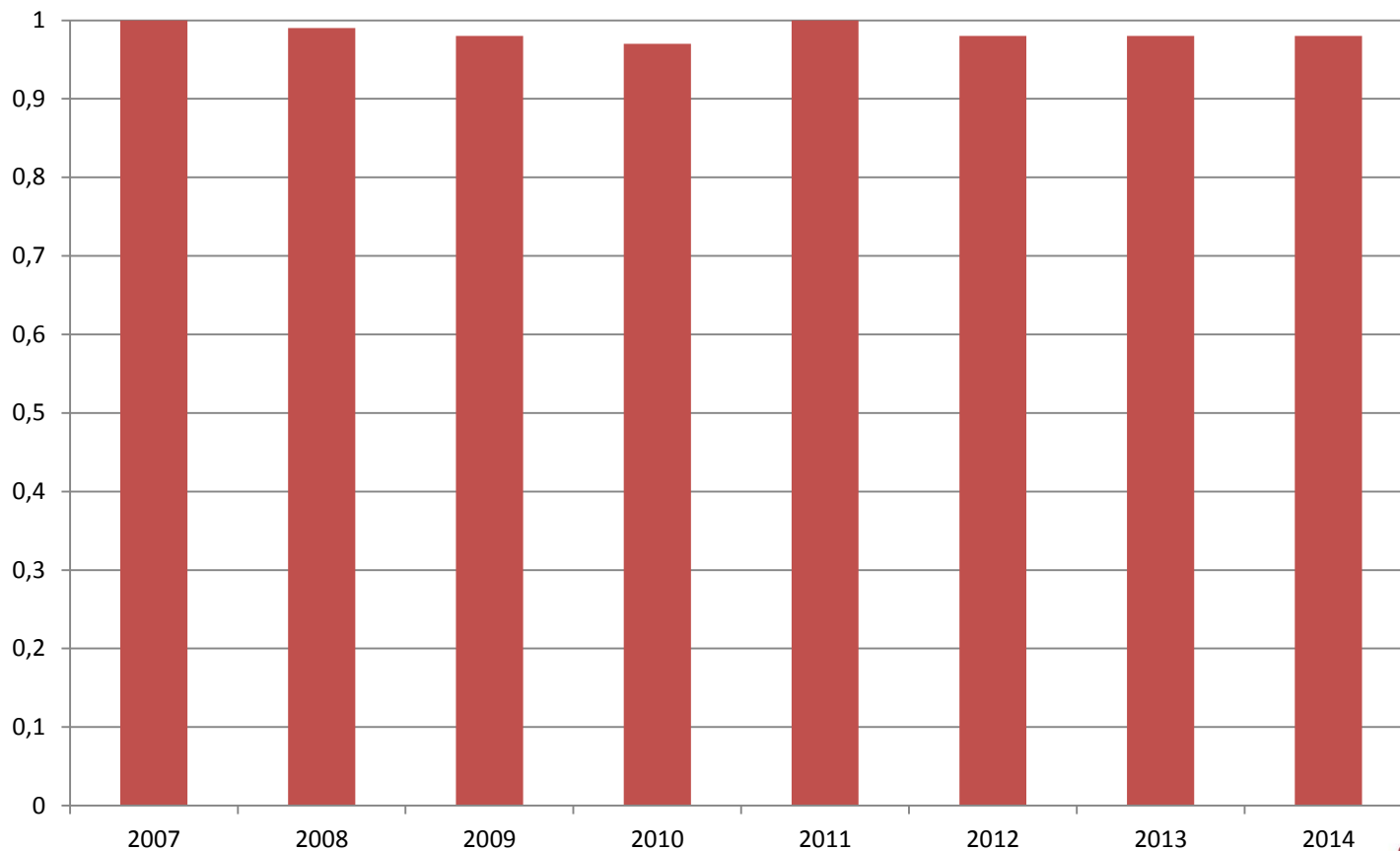
Theory:	27 mths.
Workshop training:	3 mths.
On board training*:	15 mths.
Total:	3 years, 9 months
	210 ECTS credits
	*12 mths. required

# Recruitment



WORLDCAREERS.DK  
**Next Gen Event 2015**

# Graduates occupation SIMAC



# Maritime higher education

- M.Sc. in Maritime Technology (SDU)
- M.Sc. in Maritime Engineering (DTU/N5T)
- M.Sc. in Engineering Design and Applied Mechanics (DTU)
- Executive MBA in Shipping and Logistics (CBS)



# STCW Qualifications

## Coventional

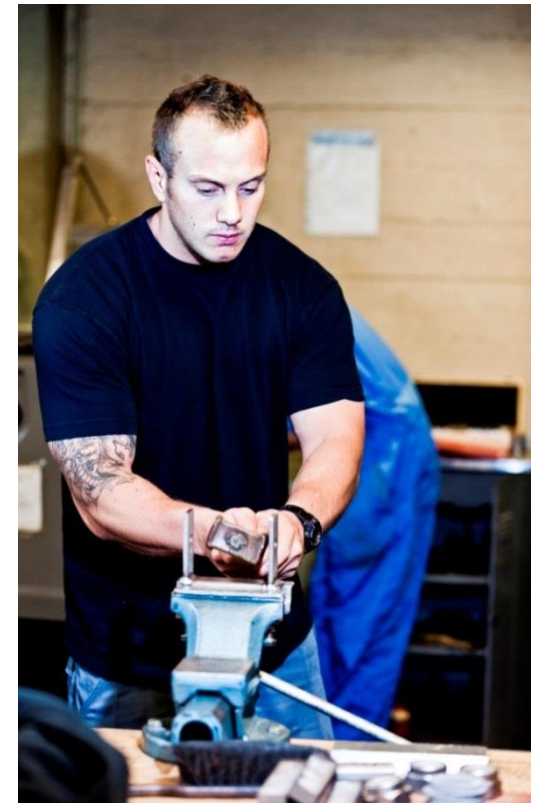
- Ships assistant
- Skipper
- Master Mariner

## Academic

- Ships officer
- Master Mariner
- Marine Engineer

# Trends in future demand for competences

- STCW Compliance
- Generalization
- Specialization
- R&D



# Generalization

- Cultural awareness
- Project management
- Commercial understanding
- Market insights
- Innovative and entrepreneurial skills
- Communication skills
- Leadership



# Specialization

- Automation/Robot technology
- Maintenance management
- Oil/Chemical/Gas tanker
- Offshore Oil/Gas
- Offshore Wind
- LNG
- Arctic
- Ship Management





# Research & Development

- Maritime applied science
- Master/Ph.d.
- Close cooperation with the industry



# Thank you for your attention



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