



DNV SeaSkill



Classification of Competence and Training



■ Ships fit for Purpose

■ People fit for Purpose



■ Competence Management for Shipping companies

■ Classification of Training



STANDARD FOR CERTIFICATION
NO. 3.101

COMPETENCE
MANAGEMENT SYSTEMS

Competence of Key Shore Personnel



MANAGING RISK



*Certified to DNV's
standard of competence
for Ships' Superintendent*

- Competence Management for Shipping Companies
- Classification of Training



STANDARD FOR
CERTIFICATION OF
MARITIME SIMULATOR SYSTEMS

Standard for Certification No. 2.14

JANUARY 2000

The objective is to ensure that ...

- the Simulator is fit for purpose
- the physical realism is appropriate
- sufficient behavioural realism
- capable of producing a variety of conditions (operating environment)
- learner can interact
- instructor can control/monitor/record exercises



STANDARD FOR CERTIFICATION
NO. 3.201

LEARNING PROGRAMMES

The objective is to ensure that ...

- Well structured course
- Clear learning objective
- Competence of instructors are adequate
- The required equipment and facilities for the course are available
- Correct content (e.g. SIGTTO, IMO model course, DNV Competence standard)

Competence standards set the quality level for training

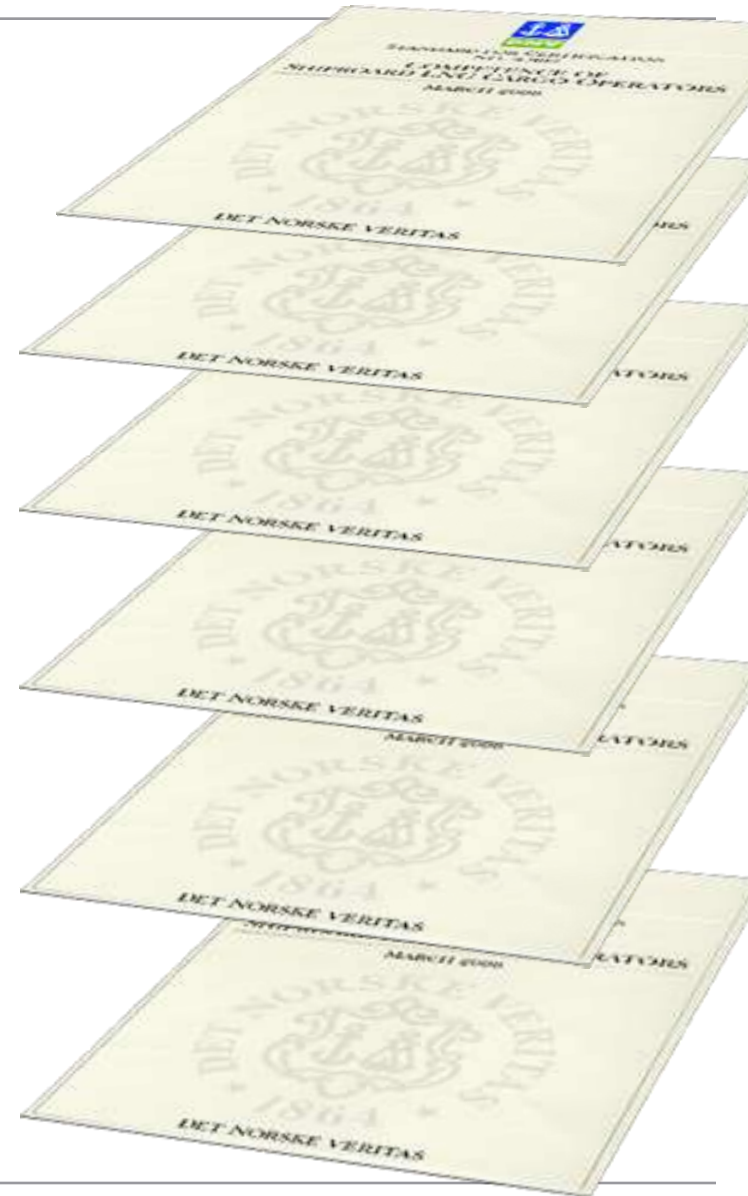


MANAGING RISK

- Ship's Superintendent
- Shipboard LNG Cargo Operators
- Basic Safety for Seafarers
- Ship's Electrical Officers and Engineers
- Ship's Officers for Hull Inspection
- Shore Based Dangerous Goods personnel
- Ship-handling of large container vessels
- Cruise - Tender operator
- Cruise - Executive Chef

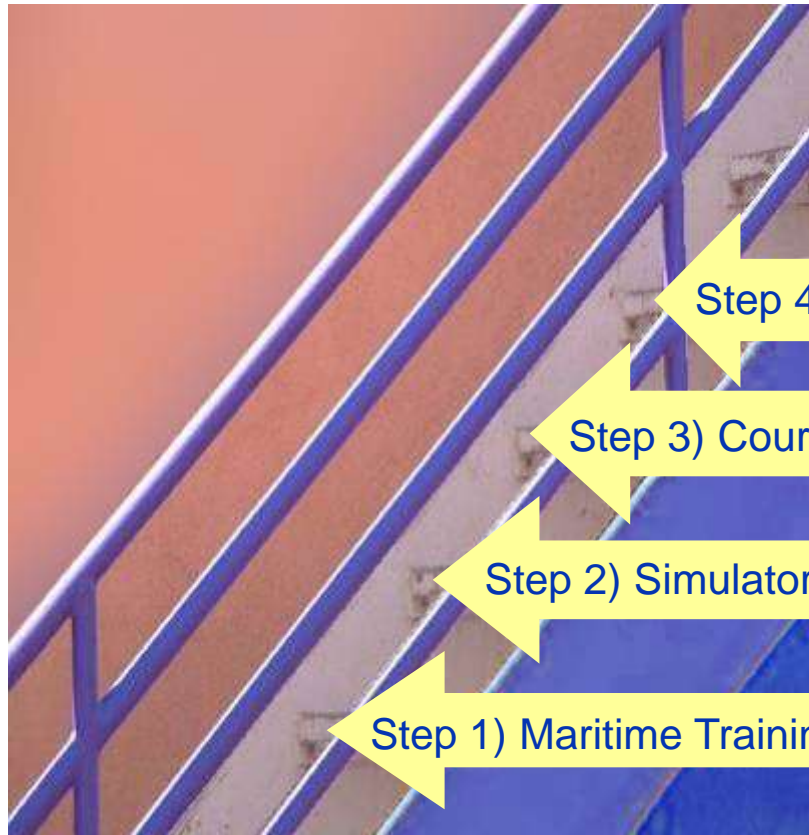
New standards by DNV SeaSkill ?

- Industry-wide standards
- Ice Navigation – Cold Climate operations
- Dynamic positioning
- Maritime simulator instructor
- Environmental Management for ship officers
- Company customised standards



Benchmarking of Training Centre (or Academy)

MANAGING RISK



Step 4) Training Delivery report (Centre performance?)

Step 3) Course certification (Design, Learning objectives, Content?)

Step 2) Simulator system certification (Level of Realism?)

Step 1) Maritime Training Centre audit (Quality of Management system?)

$$C = k + s(a)$$

$$K = k + f(h)$$



MANAGING RISK

