Maersk Training

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The autonomous questions in future maritime training

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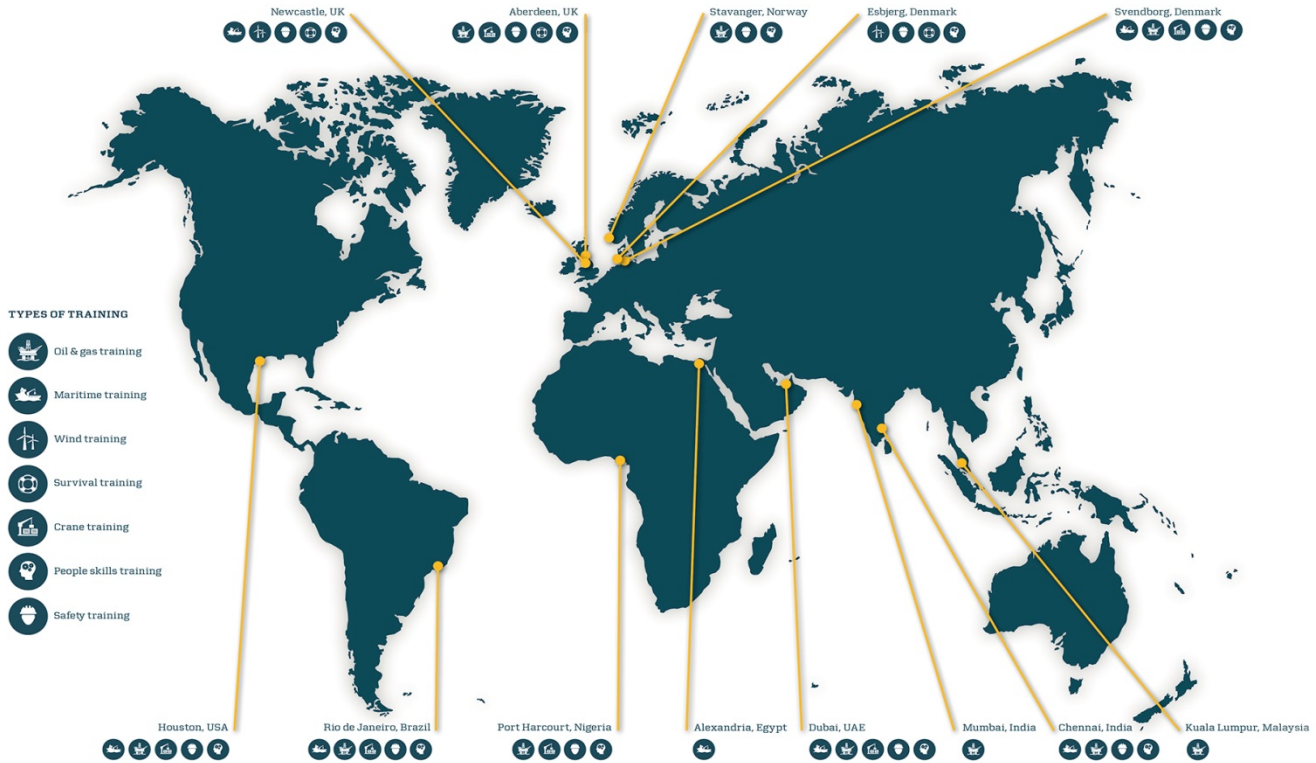
Training Facilities - Overview



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References

agr PETROLEUM
BG GROUP
OXY
GLENCORE
ODFJELL DRILLING
MAERSK LINE
Dolphin Drilling
Transocean
MAERSK SUPPLY SERVICE
Chevron
Fred. Olsen Windcarrier
ConocoPhillips
eni
AMERADA HESS
Seadrill
ENSCO
saipem
ExxonMobil
DONG energy
centrica
bp
ROWAN COMPANIES
NORSKE
Songa Offshore
TOTAL
MAERSK DRILLING
TALISMAN ENERGY
OCEAN RIG
Statoil
Stena Drilling
CARE, INNOVATION & PERFORMANCE
MARATHON
NOBLE
HYDRO
HERCULES Offshore
PETROBRAS
VANTAGE DRILLING COMPANY
JDC
JAPAN DRILLING COMPANY
PETRONAS
Lundin
wintershall
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Developing crew competences

Areas of Training

Maritime

Our range of training courses covers basic training of shipping company employees who have never worked on a vessel, all the way to experienced seafarers doing complex simulator driven scenarios for anchor handling and bridge resource management.

We covers technical training in most areas of the maritime industry and we have experience with simulating a wide array of scenarios.

oil & gas

Maersk Training has specialised in advanced simulation based drilling training, both top-side and down-hole.

Our training is relevant when working on the rig. Improving team communication is an essential part of our training. Simulators recreate the reality of the rig.

survival

Our training prepares people how to react in order to survive a working accident. The training and the exercises give people the practical skills to act and survive when critical situations happen, both as individuals and as a team.

We train in situations as close to real life as possible. We provide controllable facilities to give people the experience of firefighting, life boats, surviving in water and other survival exercises.

safety

We prepare people for what may happen in their working environment. Our safety courses can be both broad-based (like a high profile campaign to improve the safety awareness and working environment within a company) or targeted for smaller groups or individuals needing expertise in cases such as correct handling of certain chemicals or equipment.

crane

The container terminal industry is the core area of our Crane Operations training but we are expanding into the offshore area where the requirements for safety and technical skills are equally important.

Maersk Training has mobile plug-and-play training centres, CraneSIM and AssessSIM. Each of them with a classroom and full mission cabin for training, using our own specialised simulators.

people skills

Maersk Training has an extensive toolkit for training people skills directed at improving and changing behaviour.

The range of services covers a wide variety of human factor development, including recruitment, people assessment, organisational analysis, development of teams and leadership, crisis management and communications.

Wind

Maersk Training hold course accreditations from industry leaders like Siemens, Wind Power and Vestas. This makes us a one-stop shop for the wind industry, and we plan our courses for just-in-time training.

Maersk Training is the first training centre in the world to be approved by the Global Wind Organisation (GWO) for all five modules of the Basic Safety Training standard.

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The Development

Pictures: MTS

Pictures: Rolls Royce and Kongsberg

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The Development

Picture: Private Photo

Picture: Rolls Royce

The Timeline?

2017 2018 2019 2020 20?? ?

202?

2025

????

?

Present operations

Picture: Private Photo

1. Bridge Team Enhancement Program (BTEP):

- Technical Assessment (partly in simulator)
  - -Theoretical knowledge
  - -Practical skills
  - -Behaviour

- Human Factor assessment by phycologist

All assessed up against a clearly defined profile

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2. Positive appraisals with in a well developed system

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3. Personal And Professional Assessment (PPA):

- Leadership potential based on several tests and interviews by 2 psychologists –

Assessed up against a clearly defined profile

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4. BTEP

Transition

Picture: Rolls Royce and private

1. ~~Bridge~~ Team Enhancement Program (~~B~~TEP):

- Technical Assessment (Partly in simulator)
  - -Theoretical knowledge ✓
  - -Practical skills ✓
  - -Behaviour ✓
- Human Factor assessment by phycologist ✓

All assessed up against a clearly defined profile ?

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2. Positive appraisals with in a well developed system ✓

---

3. Personal And Professional Assessment (PPA):

- Leadership potential based on several tests and interviews by 2 psychologists ?

Assessed up against a clearly defined profile ?

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4. ~~B~~TEP (continuous development)

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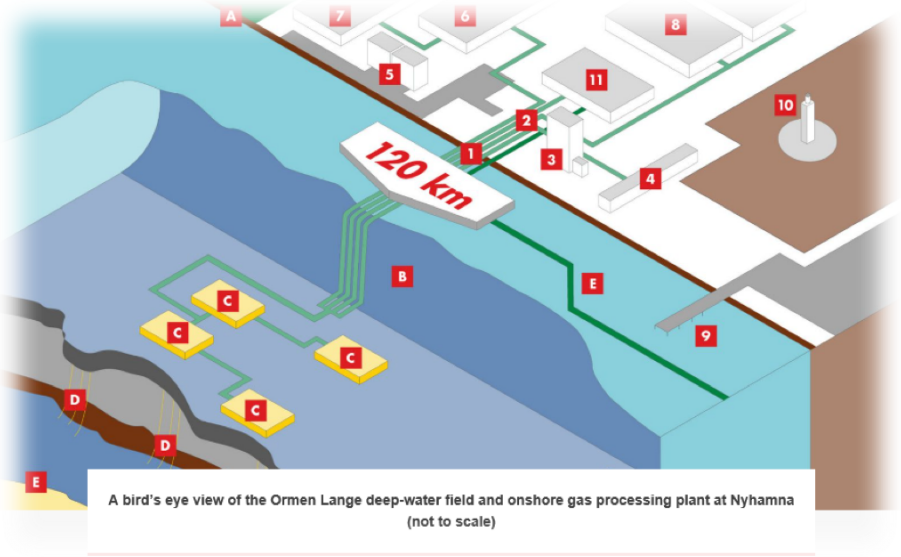
Transition – Some questions to ask

Picture: Rolls Royce

- **Crewmembers with advanced Decision support tools**
  - Design intend?
  - Data handled?
  - Knowledge required?
  - Skills required?
  - Behaviour required?
- Who decides?
- Has it been considered during development?
- Will above information be open and available?
- Are we repeating the jungle and chaos of Dynamic Positioning Training?
- Will we ever reach a critical mass for commercial training?

Existing experience?



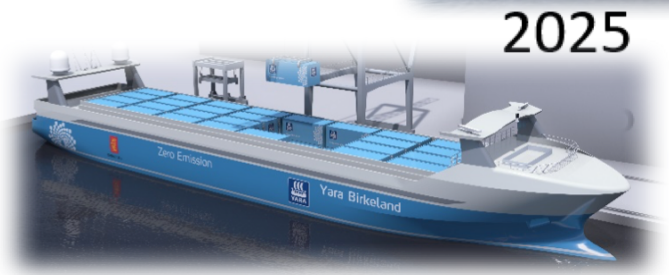
A bird's eye view of the Ormen Lange deep-water field and onshore gas processing plant at Nyhamna (not to scale)

Ormen Lange

Every day, a network of computers in a Norwegian office block receives thousands of signals emanating from deep under water. Experts analyse tiny changes in pressure and temperature in Ormen Lange's oil and gas operations around 120 kilometres (75 miles) out to sea. If they spot anything unusual they are ready to respond

Source: www.Shell.com

The Goal?



Pictures: Rolls Royce and Kongsberg

The Goal?

First man on the moon 20th July, 1969

1972 was the last time a person walked on the moon

Was the moon landing the Goal or the beginning of the

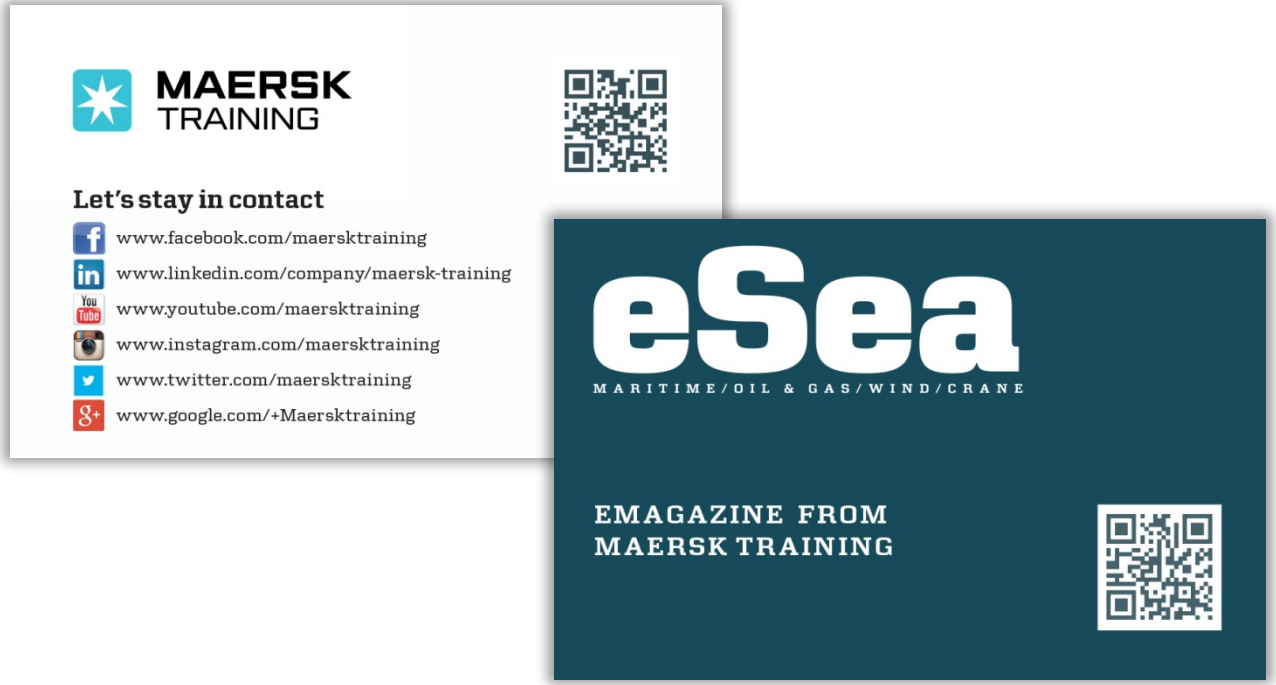
Picture: Youtube

Train for today

Prepare for tomorrow

Expect the future

Pictures: Private, Rolls Royce, Apis-Cor.com and MX3D.com

THANK YOU

Let’s stay in contact