SAFETY THROUGH KNOWLEDGE

Ballast Water Management

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Seagull Maritime AS

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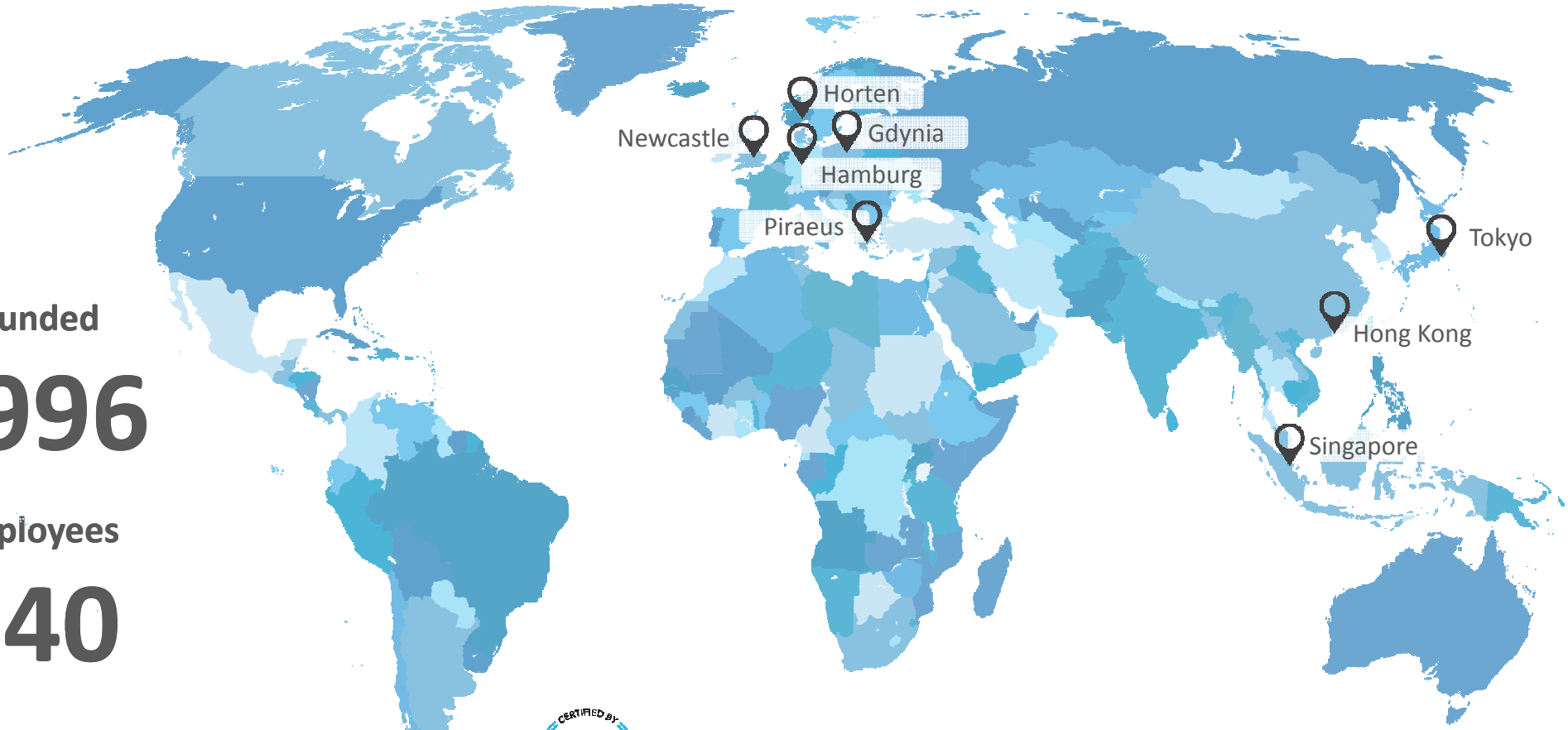

founded

1996

employees

140

Seagull Maritime AS is certified in accordance with DNVGL-ST-0029 – Maritime Training Providers

World wide training

10,000+ installations

600,000+ seafarers

100,000 onboard course certificates

Preferred supplier

MOL Mitsui O.S.K. Lines
INTERORIENT SHIPMANAGEMENT
KRISTIAN GERHARD JEBSEN SKIPSREDERI
PART OF THE KRISTIAN GERHARD JEBSEN GROUP
ocean SHIPMANAGEMENT
NYK SHIPMANAGEMENT
MARLOW NAVIGATION
UNICOM
FARSTAD
SIEM OFFSHORE
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Bourbon Offshore Norway
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THOME GROUP
New Ocean Shipmanagement Pte Ltd
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MINERVA MARINE Inc.
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SEATRANS
LAURIN MARITIME
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SOLVANG ASA
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HARREN & PARTNER
GRIEG
THE GRIEG GROUP
Taiyo Nippon Kisen Co., Ltd
nordic hamburg
Gearbulk
NDSM
NORBULK
K"LINE
SeaTeam Management
NORDIC TANKERS
REEDEREI NSB
ODFJELL
NSSPL
UASC
OMAN SHIPPING COMPANY
LAURITZEN KOSAN
Torvald Klaveness
EXMAR
Knutsen OAS Shipping
Utkilen
Seagull

Ballast Water Management Convention

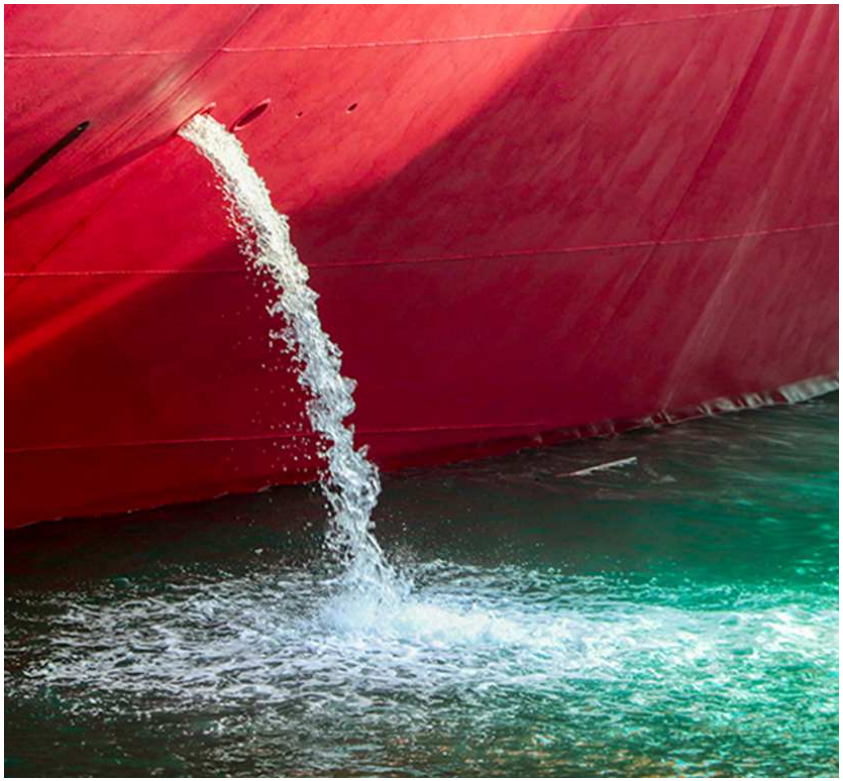
Adopted by IMO in 2004

Ratified in September 2016

Enter into force September 2017

Compliance with BWM Convention

- A review of a ship's plans and ballast systems to ensure compliance with the BWM Convention
- Development of a BWM Plan
- Installation of an approved ballast water treatment system as applicable
- Submission of the BWM Plan for approval to the classification society, flag administration or certifying administration as appropriate
- Arrangement for initial survey by classification society, flag administration or certifying administration as appropriate to obtain a BWM Certificate or Certificate of Compliance
- **Training of ship staff in BWM operations**
- Maintenance of records in the Ballast Water Record Book as per the BWM Plan including sediment management



Training & Crew familiarization

- Crew training scheme will need to be developed and included in the Ballast Water Management Plan
- Crew will need to be trained in their obligations under the BWM Convention
- Trained on the on the operation and maintenance of the ballast water treatment system
- Trained on safety risks associated with the ballasting operations or treatment system

Quoted from Ballast Water Management Convention

"3.3 The Ballast Water Management Plan should include training and education on ballast water management practices and the systems and procedures onboard the ship."

Quoted from Ballast Water Management Convention

"Ships officers and crew engaged in ballast water exchange at sea should be trained in and be familiar with the following as appropriate:"

Quoted from Ballast Water Management Convention

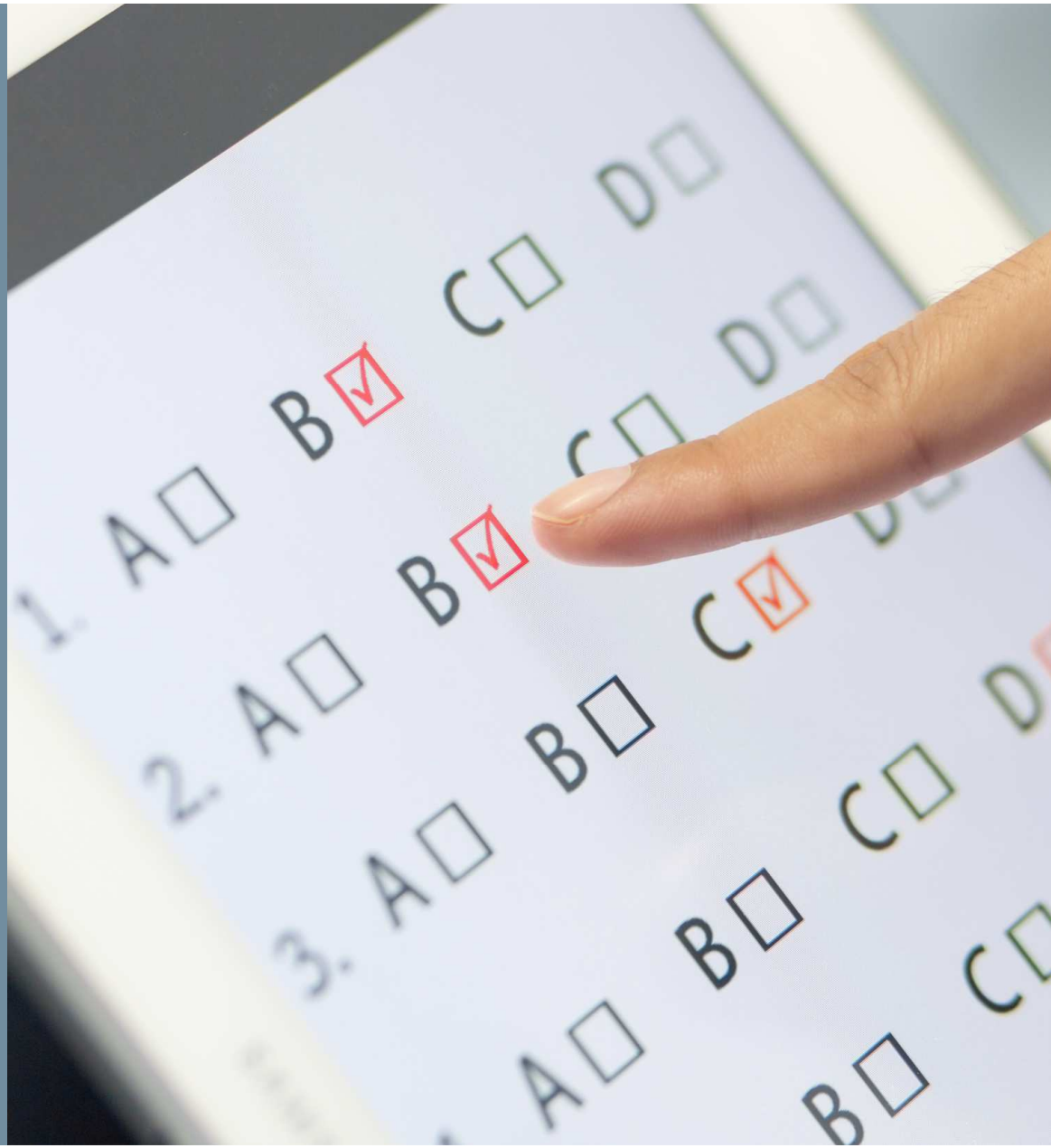
Regulation B-6 requires and crew shall be familiar with their duties in the implementation of ballast water management particular to the ship which they serve. Owners, managers, operators and others involved in officer and crew training for ballast water management should consider the following:

Quoted from Loyds Register

"A suitable staff training scheme will need to be developed and included in the Ballast Water Management Plan.

Seagull e-learning

- **Learning objectives**
  - Ballast water environmental awareness
  - Understand the BWM convention and how to comply with the convention
  - Understand the need for BWM plans and how to fill in the BWM Record books
  - Be aware of the various methods of managing ballast water
  - Understand the principle for safe exchange of ballast water
  - Know the duties of the ships crew
  - Be aware of the possibility of regional requirements



BWM – Onboard course

- Course consist of e-learning module + workbook to be completed onboard the vessel
- Familiarizes the crew with actual equipment used
- Onboard course on Ballast Water Management complies with DNV GL ST-0008 Maritime Learning Programs
- The course is developed in collaboration with Marstal Navigation School in Denmark
- Vetted by subject matter experts

Advantage of E-learning

- Lower cost and more efficient than classroom training
- All modules are installed onboard, subscribe only to the ones you need
- Crew can train when time is available, offline and online
- More than 300 up-to-date e-learning modules available offline and online
- Maritime training films are available for group training and as a supplement to individual e-learning

Pocket Guide

A Pocket Guide is a short module (5 – 10 min long) which aim is to provide a to the point summary of a specific topic.

There is no assessment or self-test, but a printable checklist, guideline or summary.

Why do you need a pocket guide?

- Available information and material is often overwhelming and complex;
- Little time available to find and process relevant information;
- Lack of a simple tool.

What is the aim of a Pocket guide?

- Provide a short and to the point summary of a specific topic;
- Easily available anytime and anywhere.

Marine environmental awareness

What is the purpose of this onboard course?

- To focus on the contribution of the human element to the prevention of pollution;
- To educate, stimulate and empower officers in prevention of pollution in their daily work.

Legislation & references

- STCW Regulation Sections A-II/1 of Chapter II, A-III/1 and A-III/6 of Chapter III;
- IMO model course 1.38.

Target groups

- Operational – Deck, Engine and Electro-technical officers.
- Recommended for Management and environmental officers.

Language

- English

A complete solution

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Seagull
Thank you!