

Ballast Water Management
An Operator Perspective: Technical Issues, Hurdles and
Costs

Marshall Islands Registry

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Greg Hughes Projects Director

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Educating ourselves: V.Ships BWM web portal

Who are we?

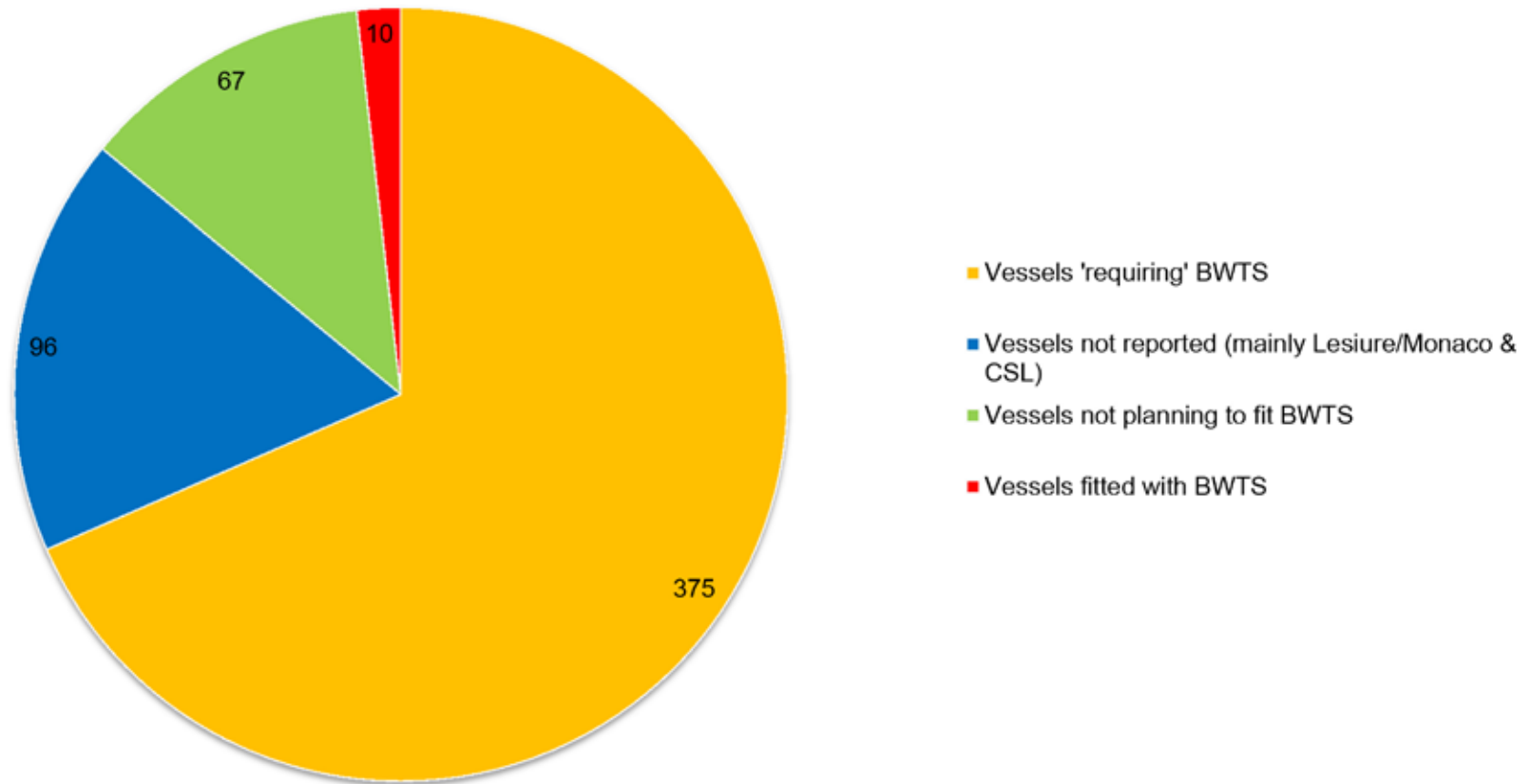
World's largest outsourced ship manager, part of V.Group, a major provider of a wide range of marine services which include:

- Technical management and support to over 1,000 Vessels
- Personnel recruitment, management and training
- Marine services and technical support
- Ship supply chain management
- Commercial and financial services

Vessel Types in Full Technical Management (Spring 2014) 600+			
Tanker & VLCC	129	Self Unloading Vessel	34
Bulk Carrier	162	Cruise Vessel	26
Chemical Tanker	85	Container Vessel	50
Yacht	38	Gas Carrier	21
Product Tanker	15	Other	58

How ready are we?

VGroup SMD Technically Managed Fleet - (548) Sept 2013



Technical Issues: Where do we stand on Ballast Water technology

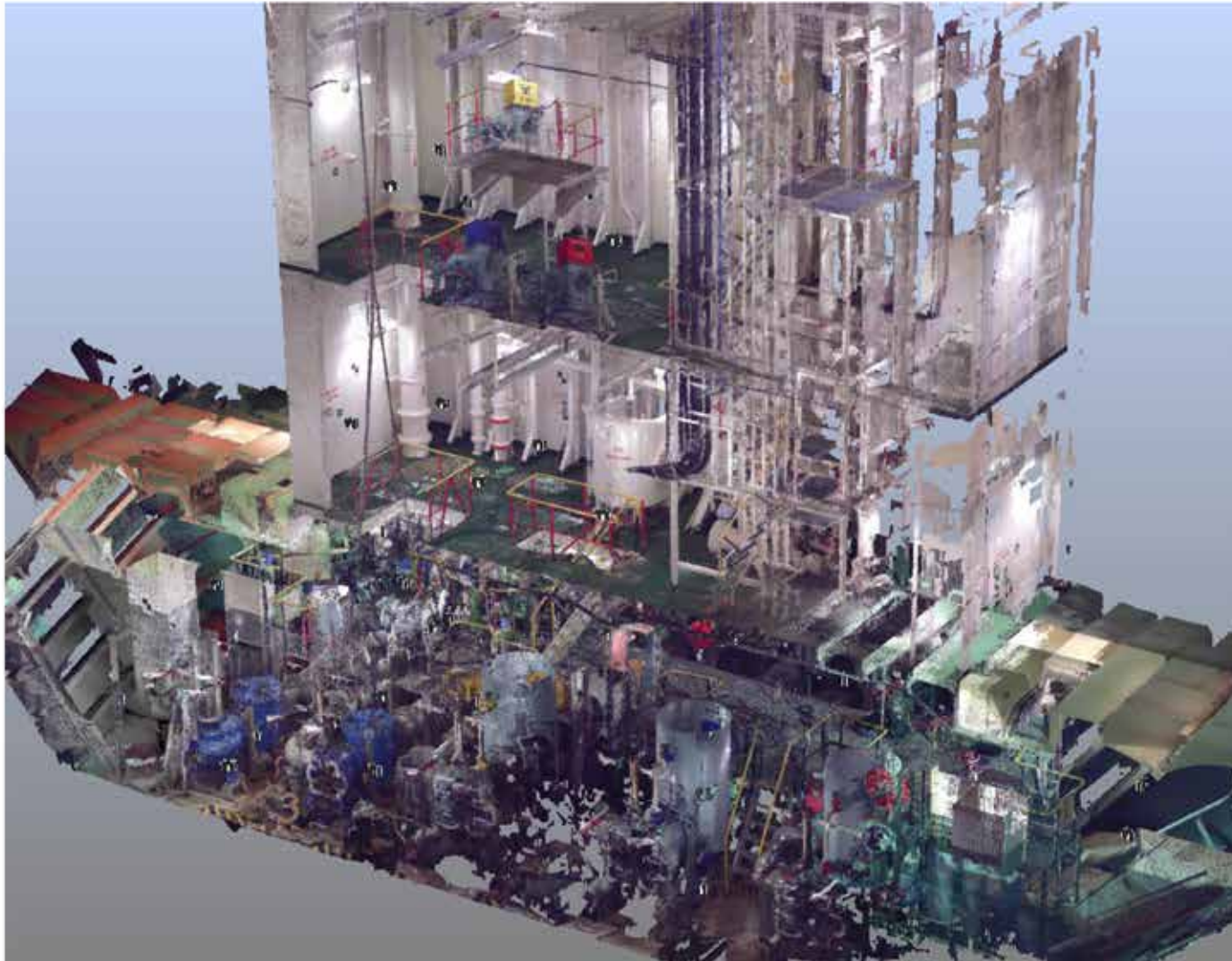
We recognise any Type Approved Ballast Water Treatment System (BWTS) as a potential solution, and at a high level categorize them as follows:

- UV, neat and tidy, good for smaller systems, higher power
- Chemical, more complex, great bug killer, lower power, good for larger systems
- In-tank de-oxygenation, a solution that treats in the BW Tanks



1000m³/h UV System

Technical Issues: Where's it going to fit



Technical Issues: Laser Survey



Hurdles: Countering fear and despondency



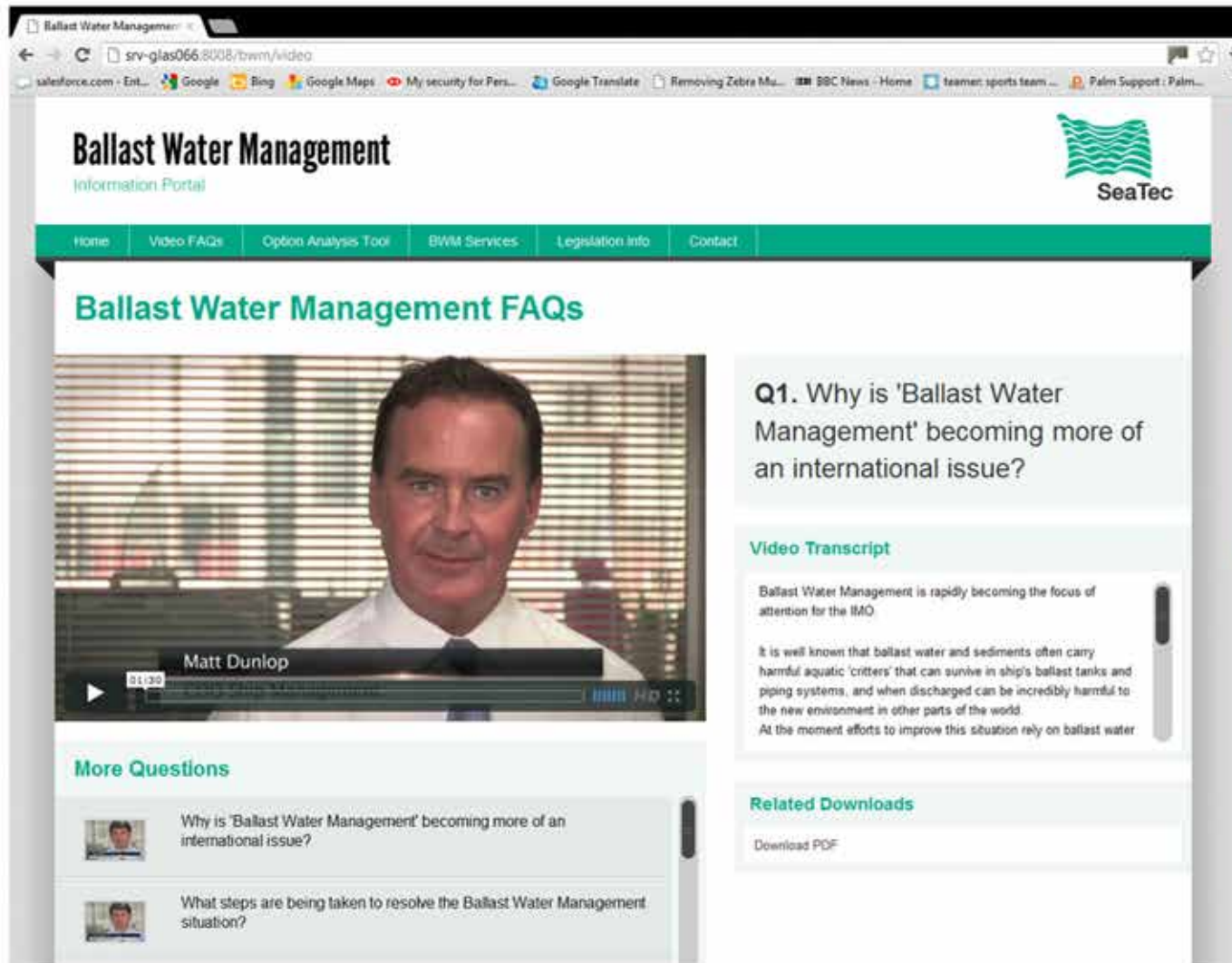
Regulatory confusion creates the excuse for inactivity

We recognise there are no performance guarantees, however it's Type Approved equipment so if:

- we have installed a Type Approved BWTS and it is functioning correctly
- we operate the BWTS in the types of water for which it is 'certified'
- we have a Ballast Water Management Plan and Record Book on-board
- our crew are trained and use the Plan, Record Book and BWTS correctly

Then we should be protected from prosecution

Educating ourselves: V.Ships BWM web portal



The screenshot shows a web browser displaying the 'Ballast Water Management Information Portal'. The page features a navigation menu with links for Home, Video FAQs, Option Analysis Tool, BWM Services, Legislation Info, and Contact. The main content area is titled 'Ballast Water Management FAQs' and includes a video player featuring Matt Dunlop. To the right of the video is a 'Q1. Why is 'Ballast Water Management' becoming more of an international issue?' section, followed by a 'Video Transcript' and 'Related Downloads' section.

Ballast Water Management
Information Portal

SeaTec

Home Video FAQs Option Analysis Tool BWM Services Legislation Info Contact

Ballast Water Management FAQs

Q1. Why is 'Ballast Water Management' becoming more of an international issue?

Video Transcript

Ballast Water Management is rapidly becoming the focus of attention for the IMO.

It is well known that ballast water and sediments often carry harmful aquatic 'critters' that can survive in ship's ballast tanks and piping systems, and when discharged can be incredibly harmful to the new environment in other parts of the world. At the moment efforts to improve this situation rely on ballast water

Related Downloads

Download PDF

More Questions

- Why is 'Ballast Water Management' becoming more of an international issue?
- What steps are being taken to resolve the Ballast Water Management situation?