



BDM



Admiralty Solicitors
— Group —

11-15 SEPTEMBER 2017
LONDON
INTERNATIONAL SHIPPING WEEK

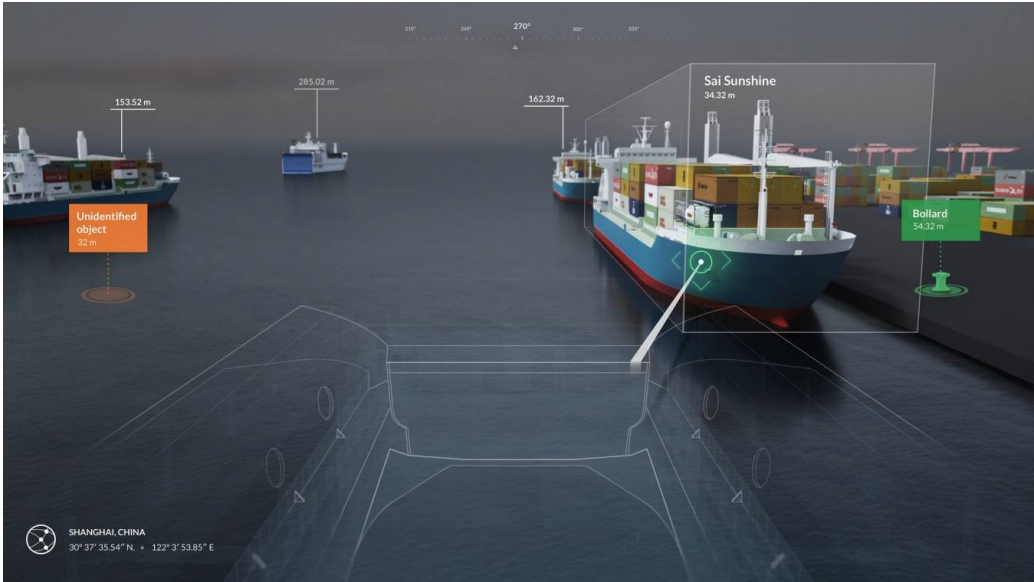


Office: +44 203 402 6011
Mobile: +44 7834 488 283
Email: nick.burgess@bdmlawllp.com

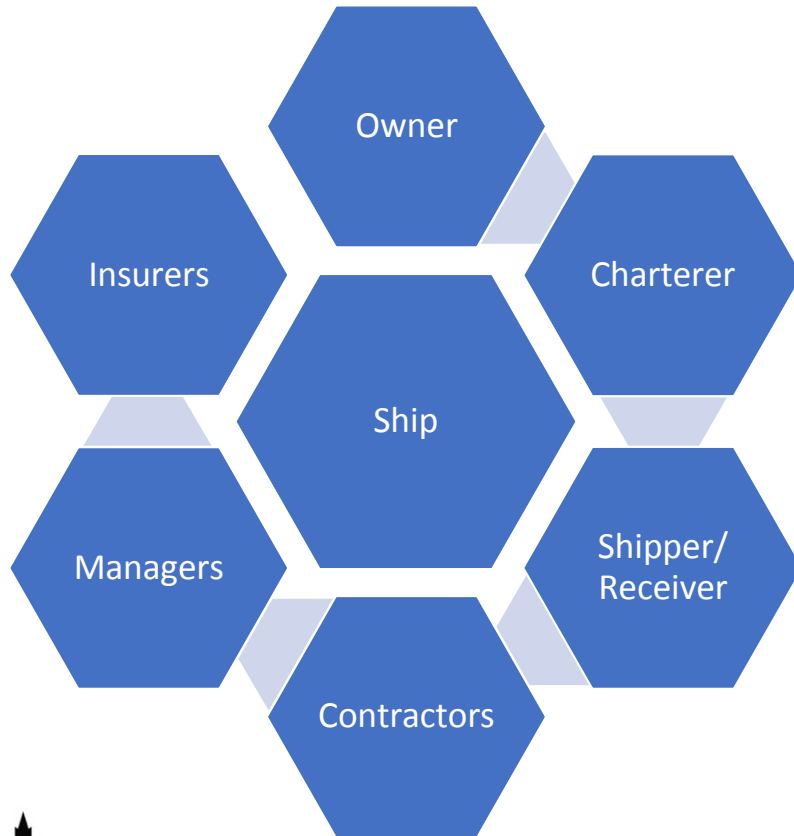
Nick Burgess
Partner
BDM Law LLP.



Unmanned ships – legal and regulatory challenges



Impact of automation?



11-15 SEPTEMBER 2017
LONDON
INTERNATIONAL SHIPPING WEEK



The law will adapt...



BDM



11-15 SEPTEMBER 2017
LONDON
INTERNATIONAL SHIPPING WEEK



Key issues...

Person in charge

Jurisdiction?



Existing laws...

Seaworthiness – Hague/ Hague Visby/ Hamburg Rules

“due diligence to provide a seaworthy ship”

“properly man, equip and supply the vessel...”

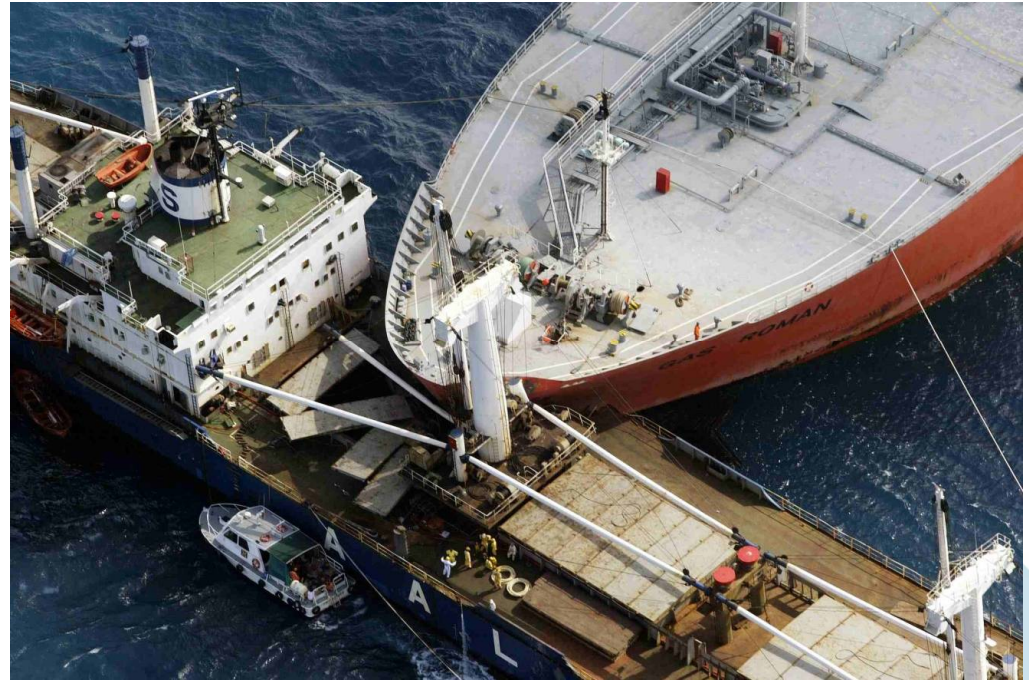
Issuing bills of lading?



Existing laws...

Navigation – Collision
Regulations

“at all times maintain a
proper look out by sight
and hearing”



BDM



Admiralty Solicitors
Group

11-15 SEPTEMBER 2017
LONDON
INTERNATIONAL SHIPPING WEEK

Existing laws...

Crew already train on simulators



11-15 SEPTEMBER 2017
LONDON
INTERNATIONAL SHIPPING WEEK

Existing laws...

360 degree
vision and
sensor arrays



11-15 SEPTEMBER 2017
LONDON
INTERNATIONAL SHIPPING WEEK

Existing laws...

Jurisdiction/ Flag



Existing laws...

Flag state shall “assume jurisdiction under its internal law over each ship flying its flag and its master, officers and crew...”

Will flag state have jurisdiction over a shore based controller?



Existing laws...

Training – STCW Convention

Applies only to training, qualification and certification of seafarers serving on board seagoing ships

Will this be extended to a shore based controller or will there be new training requirements?



Admiralty Solicitors
Group



Existing laws...

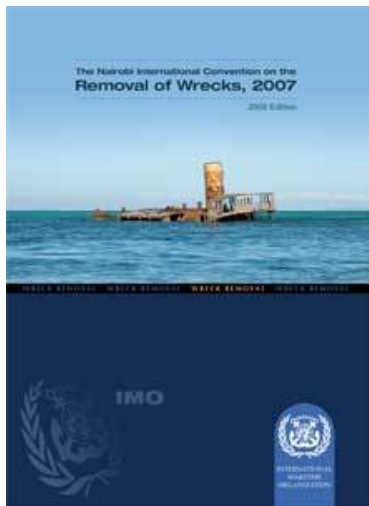
Safety and duty to respond to distress calls – SOLAS

SOLAS requires ships to be “sufficiently and efficiently manned”

requires vessels to respond to distress calls?



Existing laws...

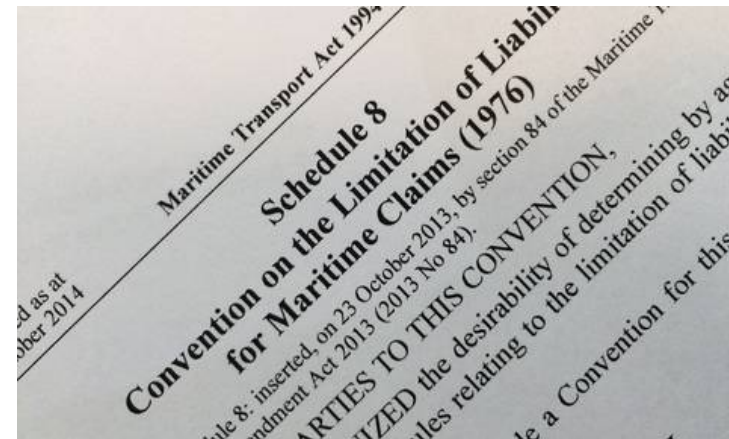




LLOYD'S STANDARD FORM OF SALVAGE AGREEMENT
(Approved and Published by the Council of Lloyd's)

NO CURE - NO PAY

<p>1. Name of the salvage Contractors:</p> <p>(referred to in this agreement as "the Contractors")</p>	<p>2. Property to be salvaged:</p> <p>The vessel: her cargo freight bunkers stores and any other property thereon but excluding the personal effects or baggage of passengers master or crew (referred to in this agreement as "the property")</p>
<p>3. Agreed place of safety:</p>	<p>4. Agreed currency of any arbitral award and security (if other than United States dollars)</p>



New risks ... need for new laws/ conventions?

Cyberpiracy

Cyber terrorism



BDM



Admiralty Solicitors
Group

11-15 SEPTEMBER 2017
LONDON
INTERNATIONAL SHIPPING WEEK

New risks ... need for new laws/ conventions?

Insurance products to deal with cyber risks?

Currently excluded from normal cover

Section 39(5) of the Marine Insurance Act 1906

Product liability issues – subrogated recoveries
by cyber risk/ maritime insurers





QUESTIONS?

BDM

9 Devonshire Square
London, EC2M 4YF

T +44 203 402 6011
E enquiries@bdmlawllp.com

www.bdmlawllp.com



11-15 SEPTEMBER 2017
LONDON
INTERNATIONAL SHIPPING WEEK

BDM