



# SAFE BOARDING OF VESSEL

# SPEAKERS

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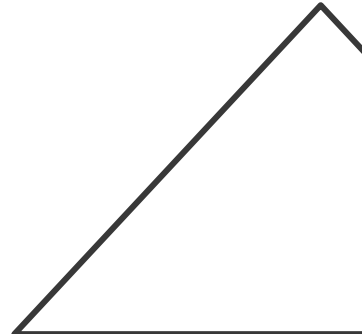
JEEVAN  
RAMASAMY

Master Pilot



STEPHANIE CAI

Senior Manager (QHSSE)







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We provide essential **pilotage service** to more than 180,000 vessels annually.

We are a **leading tug operator** with more than 70 tugs worldwide and perform more than 90,000 towage jobs annually.

# KEY HIGHLIGHTS

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01 COMMON ISSUES

02 BEST PRACTICES

03 RISK ASSESSMENT

04 INITIATIVES

# 01 COMMON ISSUES

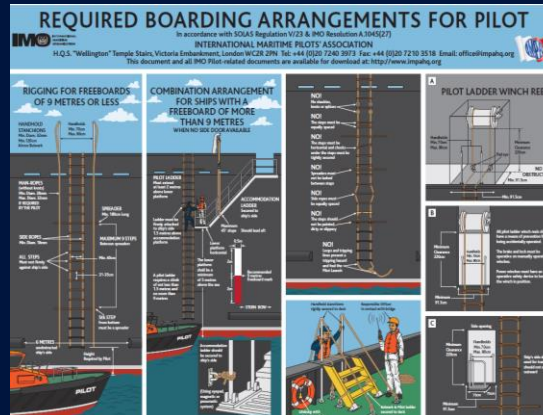
## SOLAS NON-COMPLIANT

Chapter V, Reg 23



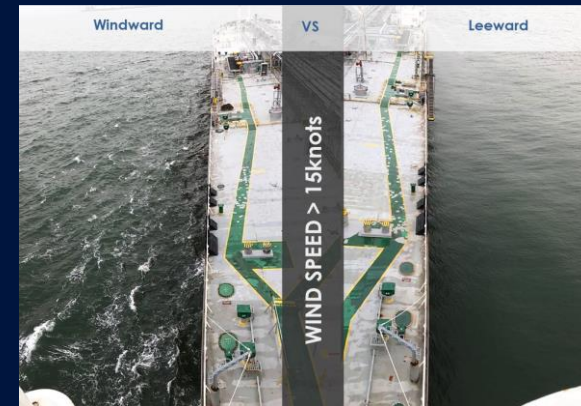
## AWARENESS

Lack of Situational Awareness

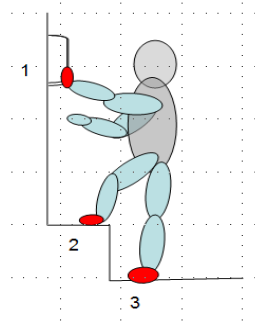


## WEATHER

Windward vs Leeward



MAINTAIN 3 POINT  
CONTACT



PROPER PPE



## 02 BEST PRACTICES

NO HEAVY LOAD

CHECK RIG PILOT  
LADDER

# 03 RISK ASSESSMENT

## CONSEQUENCE & LIKELIHOOD

Hazard – Bad pilot ladder  
Consequence – Falling from heights  
Outcome - Injury

Severity Rating	Consequences				Likelihood				
	People	Reputation	Environment	Financial Value	Never Heard of in the industry	Heard of in the industry	Has happened in Grp or > 1 per yr in industry	Has happened in terminal or > 1 per yr in Grp	Has happened >1 per yr in terminal
					A	B	C	D	E
0 No Impact	No injury or health effect	No impact	No damage	No damage					
1 Slight	Slight injury or health effect	<ul style="list-style-type: none"> <li>Local public awareness but no discernible concern</li> <li>No media coverage</li> </ul>	Limited damage	Slight damage < US\$10k					
2 Minor	Minor injury or healthy effect	<ul style="list-style-type: none"> <li>Local public concern</li> <li>Local media coverage</li> </ul>	Short term damage	US\$10k < minor damage <= US\$100k					
3 Moderate	Major injury or health effect	<ul style="list-style-type: none"> <li>National public concern</li> <li>Extensive attention in local media with national media coverage</li> </ul>	Medium term damage	US\$100k < moderate damage <= US\$1mil					
4 Major	Partial / permanent total disability or up to 2 fatalities	<ul style="list-style-type: none"> <li>Regional public concern</li> <li>Extensive attention in national media with regional media coverage</li> </ul>	Long term damage	US\$1mil < major damage <= US\$10mil					
5 Catastrophic	More than 2 fatalities	<ul style="list-style-type: none"> <li>International public concern</li> <li>Extensive attention in international media</li> </ul>	Very long term / permanent damage	massive damage > US\$10mil					



# 04 INITIATIVES

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## BEHAVIOUR-BASED SAFETY APP

Report safety breach



## WEATHER ROUTINE APP

View and plan  
contingency well



## MYDIGITALPA

Instant communication on  
pilot and MPA notices



## TRAINING

Emergency Preparedness



## LIFE JACKET CHECK

Ensure daily checks



# LIFEJACKET MAINTENANCE

## DAILY CHECKS



# SAFETY IS EVERYONE'S RESPONSIBILITY

