



# Shared Situational Awareness

## Mastering Indirect Towing with Simulator Training

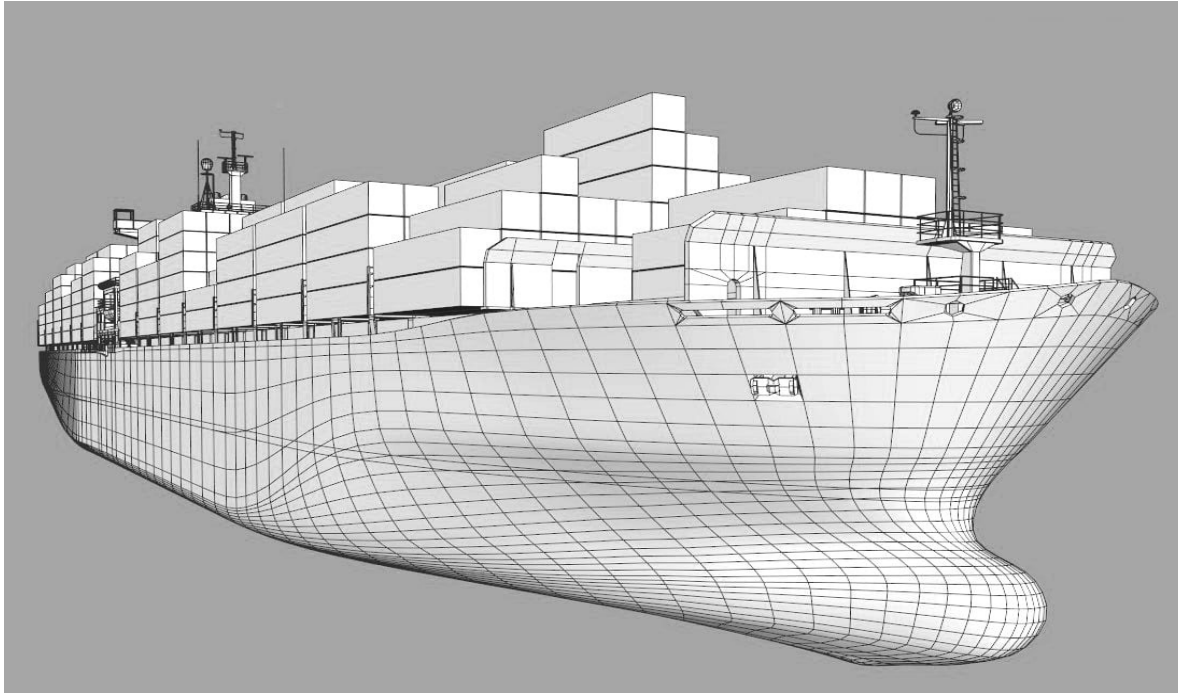




**Esta es la razón por la cual simulamos: Para alcanzar la excelencia en nuestro servicio**

**This is not a talk...this is the  
story of what happened on  
March 24th, 2023**

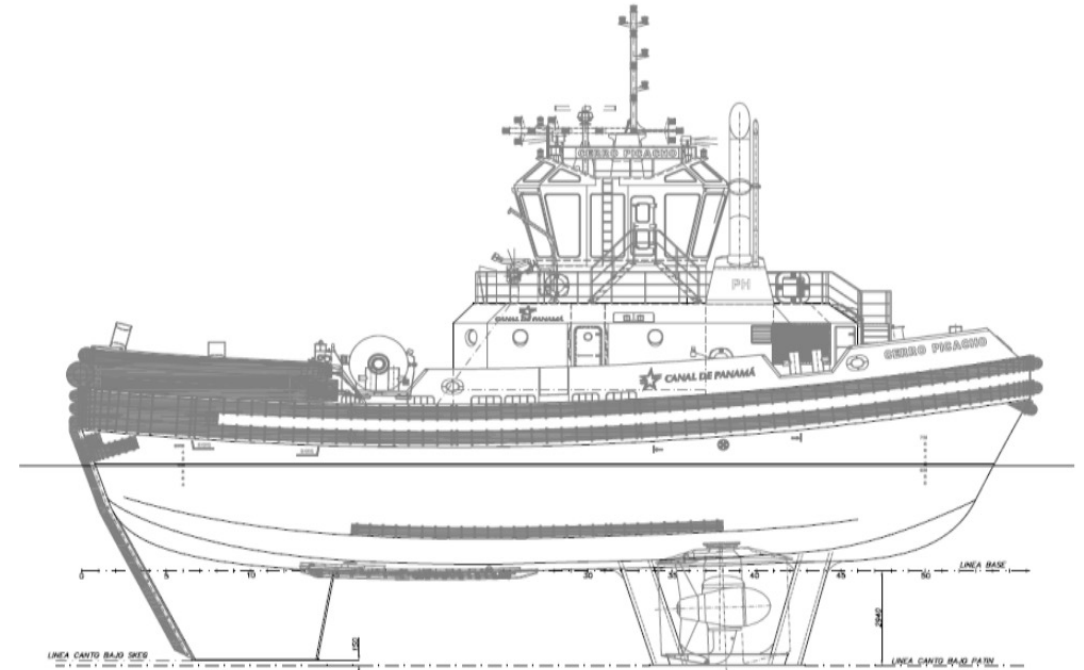
# The Actors



Container Ship

L. O. A. – 367 mts  
Beam – 43 mts  
Draft – 13.7 mts

Capacity– 10150 TEU  
Speed– 8.8 knots  
Displacement– 120000 Ton



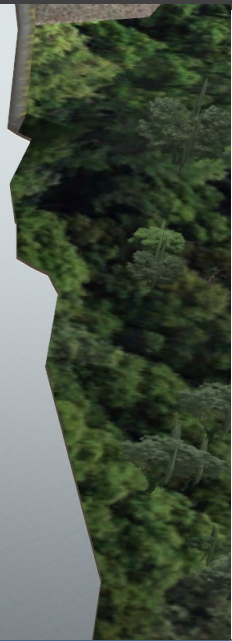
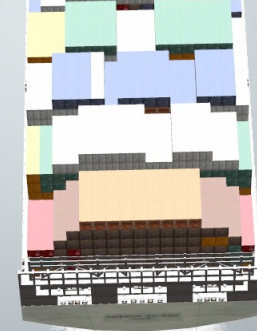
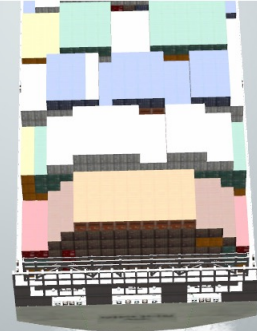
Azimuth Tractor Tug

L. O. A. – 28.90 mts  
Beam – 13.50 mts  
Working Line: Spectra de 12 strands HMPE x 2

Bollard Pull – 82 Ton  
Draft– 6.18 mts











# Simulators





CANAL DE PANAMÁ

# THANK YOU



**SIDMAR**

Centro de Simulación, Investigación  
y Desarrollo Marítimo

For more information

[Sidmar@pancanal.com](mailto:Sidmar@pancanal.com)

+507-2728559

[www.pancanal.com](http://www.pancanal.com)

Shared Situational Awareness