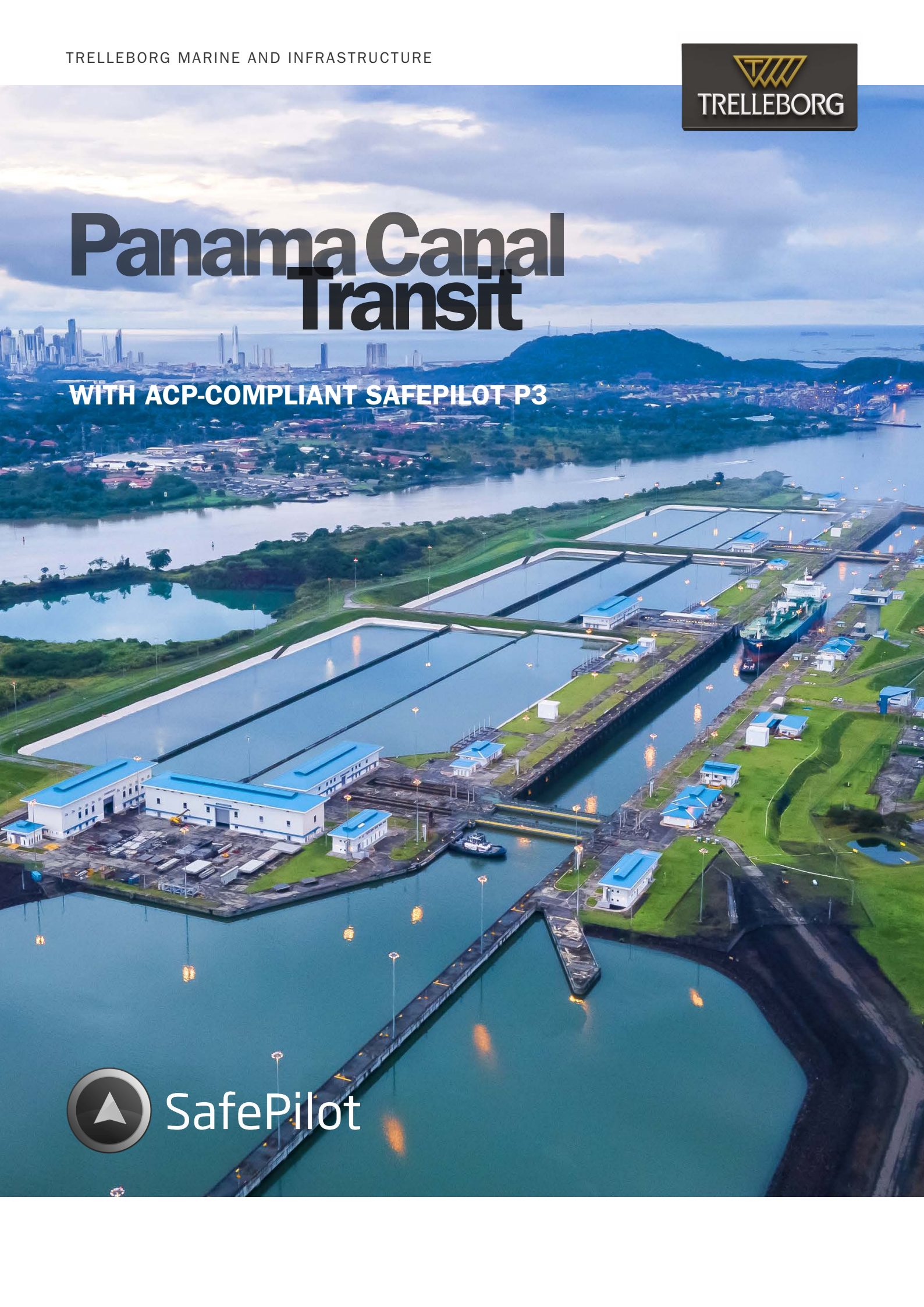


Panama Canal Transit

WITH ACP-COMPLIANT SAFEPILOT P3



INTRODUCTION

In its recent Advisory to Shipping No. A-32-2022, the Panama Canal Authority (ACP) specifies new positioning requirements for transiting Neopanamax vessels with a fixed (non-portable) piloting unit beginning October 2023.

Trelleborg Marine & Infrastructure's SafePilot P3 unit is specifically designed for Neopanamax vessels that transit through the Panama Canal.

The navigation & piloting experts at Trelleborg, developed SafePilot P3 Navigation System from the ground up, revamping existing technology and the lengthy pilotage process.

The significant technological development of a fixed piloting unit approved by ACP reflects Trelleborg's commitment to facilitating a safe and expeditious transit through the canal.

Development of piloting technology through the Panama Canal



CURRENTLY IN USE

1ST GENERATION

Ship dependent portable piloting unit (PPU) for Panamax vessels navigating through the old locks.

Locomotives control the ships through the locks with low reliance on high accuracy.



2ND GENERATION

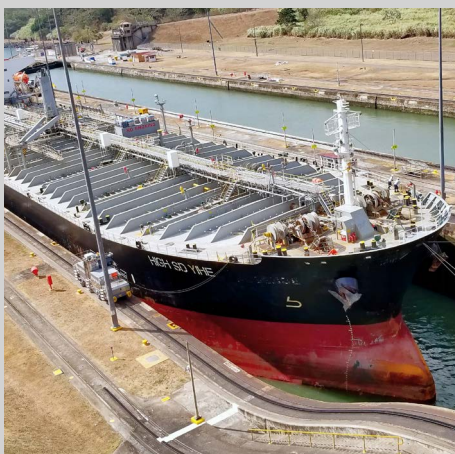
Ship independent PPU system with high accuracy for Neopanamax vessels navigating through the new locks.



FROM OCTOBER 2023

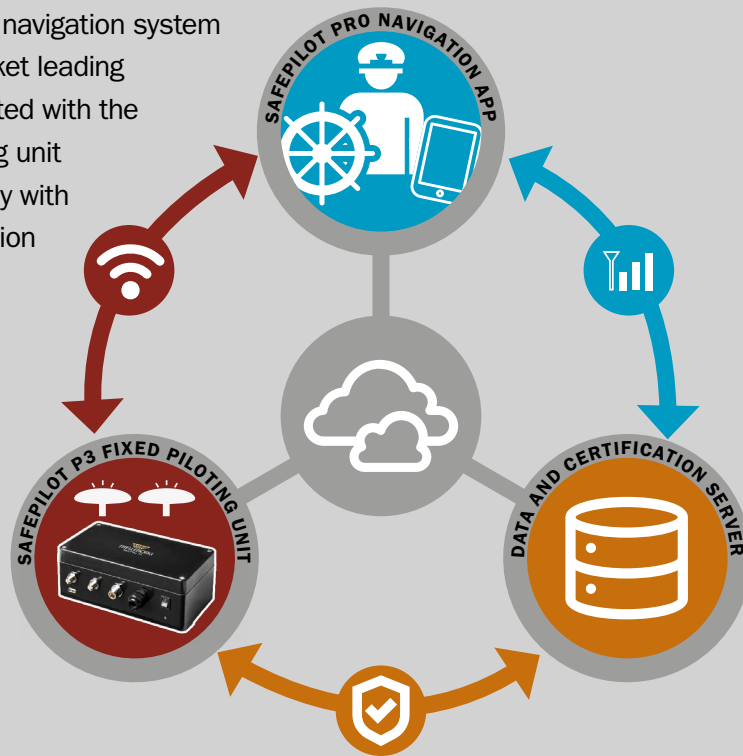
3RD GENERATION

Ship independent fixed piloting unit with high accuracy for Neopanamax vessels navigating through new locks which have no locomotives.



Introducing SafePilot P3 navigation system

Trelleborg's SafePilot P3 navigation system comprises both the market leading SafeCaptain App integrated with the SafePilot P3 fixed piloting unit that connects seamlessly with ACP's data and certification server and the pilot's handheld piloting tablet.

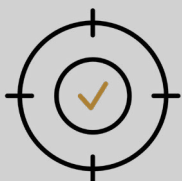


Benefits

- Highly accurate, real-time data for safer pilotage
- Enhanced situational awareness during canal transit & port approach
- More effective decision-making as intelligent filtering shows only relevant data
- Improved communication between captain, pilot, tug and canal personnel
- Reduced incidents and downtime due to automated data capture and exchange
- Safer navigation in a greater range of meteorological conditions

Pre-approved by the Panama Canal, SafePilot P3 navigation system features include:

- Built-in backup battery
- Multi GNSS L1/L2
- Independent heading
- Spoofing and jamming detection
- Built-in IMU
- Proven hardware build and quality



ACCURACY



NAVIGATION



LOCATION

To find out more about the ACP-compliant SafePilot P3 get in touch today.

safepilotp3@trelleborg.com





Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way.

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