

CASE STUDY

Shipping Giant CMA CGM Chooses VideoRay Underwater Robots to Perform Inspections



CMA CGM, headquartered in Marseille, France, is a container transportation and shipping company with more than 150 ships using 257 shipping routes between 420 ports in 160 different countries. CMA CGM is one of the world's leading names in shipping, logistics and intermodal transportation solutions.



Summary

When CMA CGM decided to start conducting its own underwater hull surveys, it turned to VideoRay to supply the portable, robust robotic systems to handle the job.



Challenge

In order to conduct its own hull inspections efficiently, CMA CGM chose underwater robotic systems that could be stored aboard its ships and easily deployed for quick access should problems with the thrusters, steering, hull or ballast arise.

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Solution

CMA CGM selected Mission Specialist underwater systems because of VideoRay's stellar reputation around the world for manufacturing extremely reliable, easy-to-use robots and for providing exemplary customer service.

The Defender system is VideoRay's largest and most powerful configuration, optimized for precise control, heavier payloads, lifting and specialized operations. The Pro 5 system is designed for speed, efficiency and portability.

Mission Specialist technology is unique because it enables operators to add new sensors and tooling to customize payload, power and communications features right in the field.



Results

CMA CGM is keeping VideoRay Mission Specialist systems on board for underwater inspection in lieu of dry docking (UWILD) and other inspections. Because these robots are small and light and consume very little power, they can be deployed from many different areas on rigs and ships. And it takes only one person to deploy a robot by simply heaving it into the water, even in harsh sea conditions.



CMA CGM chose Mission Specialist underwater robotic systems because of their reliability and durability and appreciates VideoRay for supporting the company's plan to conduct its own subsea inspections.

