

## Strengthening Panamanian Maritime Cyber Risk Management



**Summary of Planned Event:** Sandia National Laboratories, in partnership with the U.S. Department of State, seeks to engage with key stakeholders in Panama's maritime sector to collectively enhance the cybersecurity posture of port facilities. This two-day workshop, scheduled for 16–17 September 2025 at the Renaissance Panama City Hotel, will identify and address common cybersecurity risks across Panamanian ports, with an emphasis on collaboration and information sharing across ports in Panama. Port representatives will have the opportunity to share challenges, solutions, and experiences to develop actionable items to improve cybersecurity nationwide. The event is free to attend and will include a business lunch and refreshments provided to participants each day. The event will be conducted in English with simultaneous translation available.

**You may register for the event online at:** [https://cpw.sandia.gov/cybersecurity/pa\\_maritime\\_cyber\\_2025/registration](https://cpw.sandia.gov/cybersecurity/pa_maritime_cyber_2025/registration)

### Goals:

- *Strengthen Cyber Resilience:* Equip managers and cybersecurity teams at port facilities with the knowledge and tools necessary to prepare for and mitigate cyber threats.
- *Foster Collaboration:* Establish connections between maritime sector stakeholders, enabling informed regulatory frameworks, compliance, and coordinated incident response.

### Target Audience:

- Managers and cybersecurity teams responsible for overseeing and implementing cybersecurity measures within port facilities.
- Autoridad Marítima De Panamá (AMP)

### Topics Covered:

- *Cybersecurity Frameworks:* Introduction to key cybersecurity frameworks to establish a common foundation, including the NIST CSF and IAPH Cybersecurity Guidelines.
- *Risk Management and Incident Response:* Explanation of common risks unique to Panama's maritime sector and discussion on effective incident response strategies.
- *National Cybersecurity Strategy:* Facilitated discussion to develop a voluntary, unified strategy tailored to Panama's ports.

### Event Details

- **Format:** Two-day workshop comprised of presentations, interactive exercises, and group discussions.
- **Dates:** 16 – 17 September 2025
- **Location:** Renaissance Panama City Hotel, Panama City [Subject to Change]

For questions regarding this event, please contact [plmacia@sandia.gov](mailto:plmacia@sandia.gov)



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## Strengthening Panamanian Maritime Cyber Risk Management Workshop Agenda

**Renaissance Panama City Hotel [Subject to Change]; Panama City, Panama  
16 -17 September 2025**

### Day 1

Time	Agenda Module
8:30-9:00	<u>Guests arrive at event location</u>
9:00-9:15	<u>Opening Remarks Provided by U.S. Department of State and Autoridad Marítima De Panamá</u>
9:15-9:45	<u>Introduction</u> <i>Brief background of instructors and structure of the course.</i>
9:45-10:30	<u>IAPH Cybersecurity Standards for Ports &amp; White Paper Overview</u> <i>Introduce the key concepts of the International Association of Ports and Harbors Cybersecurity Guidelines for Ports and Port Facilities. Review the results of SNL's white paper analyzing the current landscape of cybersecurity at Panamanian ports.</i>
10:30-10:45	Break
10:45-12:30	<u>NIST Cybersecurity Framework</u> <i>Introduction to the National Institute of Standards and Technology (NIST) Cybersecurity Framework (CSF). Establish best practices to manage cybersecurity risks.</i>
12:30-13:30	Lunch
13:30-15:00	<u>CSF Concepts to Case Studies Exercise</u> <i>Demonstrate lessons learned in the CSF module to discuss mitigation strategies for vulnerabilities indicated in maritime sector case studies.</i>
15:00-15:30	Group Photo & Break
15:30-17:00	<u>Qualitative Risk Assessment Introduction &amp; Exercise</u> <i>Interactive exercise to identify, prioritize, and mitigate risks facing Panama's maritime sector.</i>
17:00	Wrap Up and Adjourn



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### Day 2

Time	Agenda Module
8:30-9:00	<u>Guests arrive at event location</u>
9:00-10:00	<u>Strategies for Business Case Analyses for Cybersecurity Improvements</u> <i>Strategies for conducting business impact analyses and communicating necessary improvements effectively.</i>
10:00-10:30	<u>Incident Detection and Response</u> <i>Improving and adapting the incident response life cycle.</i>
10:30-10:45	Break
10:45-12:30	<u>Incident Detection and Response Exercise</u> <i>Interactive exercise to develop an Incident Response Plan and identify improvement opportunities in a simulated scenario.</i>
12:30-13:30	Lunch
13:30 -15:00	<u>A Unified National Cybersecurity Strategy for Ports Part 1</u> <i>Collaborative session to define national cybersecurity strategy goals, develop a framework for voluntary adoption, identify challenges and proposed solutions, and establish commitments for implementation.</i>
15:00-15:15	Break
15:15 -16:30	<u>A Unified National Cybersecurity Strategy for Ports Part 2</u>
16:30-16:45	Closing Remarks, Course Conclusion, and Feedback
16:45-17:00	Certificates
17:00	Wrap Up and Adjourn



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