MARITIME TRANSPORTATION SECURITY ACT (MTSA)

COMPLIANCE REPORT

CONFIDENTIAL AND PRIVILEGED

Prepared for: DeepShield Systems, Inc.

Report Date: January 11, 2024

Reporting Period: January 1, 2023 - December 31, 2023

1. EXECUTIVE SUMMARY

This report documents DeepShield Systems, Inc.'s ("DeepShield") compliance with the Maritime Transportation Security Act of 2002 (MTSA) and associated regulations under 33 CFR Part 105 for the calendar year 2023. DeepShield provides critical cybersecurity services and technology solutions to regulated maritime facilities and vessels, qualifying as a third-party technology provider under MTSA guidelines.

2. SCOPE OF MTSA APPLICABILITY

1 DeepShield's maritime security solutions are deployed at:

- 47 MTSA-regulated port facilities
- 23 offshore terminals
- 156 vessels subject to 33 CFR Part 104
- 12 Outer Continental Shelf facilities

2 Relevant Product Offerings:

- DeepShield Maritime(TM) (Version 4.2)
- OceanGuard ICS Protection Suite(TM) (Version 3.1)
- Harbor Defense Network Monitor(TM) (Version 2.0)

3. COMPLIANCE PROGRAM OVERVIEW

1 Security Organization Structure

- Chief Security Officer: Dr. Elena Rodriguez
- Maritime Compliance Director: Thomas Warren

-       Regional Security Officers (4)

-       Facility Security Officers (12)

2 Written Security Policies

-       Maritime Facility Security Plan (FSP-2023-01)

-       Vessel Security Procedures (VSP-2023-02)

-       Cybersecurity Incident Response Protocol (CIRP-2023-03)

-       Access Control Standards (ACS-2023-04)

4. SECURITY ASSESSMENTS AND AUDITS

1 Internal Assessments

-       Quarterly security reviews completed: March 15, June 15, September 15, December 15, 2023

-       Penetration testing conducted: April 1 and October 1, 2023

-       Security drill participation: 24 drills completed

2 External Audits

-       USCG Facility Security Plan validation: March 30, 2023

-       Third-party security assessment (DNV-GL): August 15, 2023

-       ISO 27001:2013 certification maintenance audit: November 1, 2023

5. SECURITY INCIDENTS AND RESPONSES

1 Reported Security Incidents

-       Total incidents reported: 7

-       Critical incidents: 0

-       Major incidents: 2

-       Minor incidents: 5

2 Incident Resolution

-       Average response time: 14 minutes

-       Average resolution time: 4.2 hours

-       Escalation rate: 8.5%

6. TRAINING AND CERTIFICATION

1 Employee Security Training

- New hire security orientation: 45 employees

- Annual security refresher: 182 employees

- Advanced security training: 34 employees

- FSO certification: 12 employees

2 Customer Training Programs

- Facility security officer training: 156 participants

- Maritime cybersecurity awareness: 892 participants

- Incident response procedures: 445 participants

7. TECHNOLOGY COMPLIANCE

1 System Security Standards

- NIST Cybersecurity Framework alignment

- IEC 62443 industrial security compliance

- ABS Cybersecurity requirements adherence

- BIMCO Guidelines implementation

2 Security Updates and Patches

- Critical updates deployed: 24

- Security patches implemented: 156

- System upgrades completed: 4

8. REGULATORY ENGAGEMENT

1 Agency Communications

- USCG liaison meetings: 4

- TSA consultations: 2

- FBI cybersecurity briefings: 2

2 Regulatory Submissions

- Annual security assessment updates: Completed

- Facility security plan amendments: 3

-         Incident reports filed: 7

9. COMPLIANCE IMPROVEMENTS

1 Enhanced Security Measures

-         Implementation of AI-based threat detection

-         Advanced access control system deployment

-         Enhanced perimeter monitoring capabilities

-         Upgraded communication protocols

2 Planned Initiatives for 2024

-         Zero-trust architecture implementation

-         Enhanced supply chain security controls

-         Advanced threat hunting capabilities

-         Expanded security awareness program

10. CERTIFICATION OF COMPLIANCE

The undersigned hereby certifies that:

This report accurately reflects DeepShield Systems, Inc.'s MTSA compliance status

All material security incidents have been properly reported

Required security measures remain in full effect

Documentation is maintained as required by 33 CFR Part 105

Certified by:

/s/ Dr. Elena Rodriguez

Chief Security Officer

DeepShield Systems, Inc.

Date: January 11, 2024

Reviewed by:

/s/ Sarah Blackwood

Chief Technology Officer

DeepShield Systems, Inc.

Date: January 11, 2024

LEGAL DISCLAIMER

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