

European Maritime Safety Agency Compliance Declaration

EFFECTIVE DATE: January 15, 2024

DOCUMENT NUMBER: EMSA-2024-001

ISSUING ENTITY: DeepShield Systems, Inc.

VERSION: 1.2

1. INTRODUCTION

This declaration documents DeepShield Systems, Inc.'s ("DeepShield") compliance with the European Maritime Safety Agency ("EMSA") requirements and standards for maritime cybersecurity systems and critical infrastructure protection solutions, as established under Regulation (EU) 2019/1239 and subsequent implementing acts.

2. SCOPE OF COMPLIANCE

1. This declaration covers DeepShield's Maritime Security Platform ("MSP") version 4.2.1 and associated subsystems, including:

- DeepShield Maritime Threat Detection System (DS-MTD)
- OT Network Monitoring Suite for Maritime Applications (ONM-MA)
- Subsea Infrastructure Protection Module (SIPM)
- Maritime SCADA Defense System (MSDS)

2. Geographic Coverage:

- All EU member states' territorial waters
- European Economic Area (EEA) maritime zones
- Designated international waters where EMSA jurisdiction applies

3. TECHNICAL COMPLIANCE SPECIFICATIONS

1. Cybersecurity Standards Compliance:

- ISO/IEC 27001:2013 (Certificate No. DS-ISO-27001-2023-089)
- IEC 62443 Series (Industrial Network Security)
- ENISA Maritime Cybersecurity Guidelines v2.0

2. System Architecture Requirements:

- Implements EMSA-mandated segregation of maritime control systems
- Maintains required redundancy levels for critical security functions
- Provides real-time monitoring capabilities as specified in EMSA/2022/456

3. Data Protection Measures:

- Compliant with GDPR requirements for maritime data processing
- Implements EMSA data retention schedules
- Maintains secure data transmission protocols per EMSA/2023/789

4. OPERATIONAL COMPLIANCE

1. Incident Response Capabilities:

- 24/7 Maritime Security Operations Center (MSOC)
- Dedicated EU-based response team
- Average response time: 15 minutes
- Compliance with EMSA incident reporting requirements

2. Documentation and Reporting:

- Maintains required technical documentation in EU languages
- Quarterly compliance reports submitted to EMSA
- Annual security audits conducted by accredited third parties

3. Training and Certification:

- Staff certified in EMSA maritime cybersecurity protocols
- Regular training updates as per EMSA guidelines
- Documented competency assessments

5. QUALITY ASSURANCE

1. Testing and Validation:

- Regular penetration testing by certified entities
- Quarterly system vulnerability assessments
- Annual full-scale maritime security exercises

2. Change Management:

- EMSA-compliant change control procedures
- Version control and documentation requirements
- Impact assessment protocols

6. DECLARATIONS AND WARRANTIES

1. DeepShield Systems, Inc. hereby declares that:

- All statements contained herein are accurate and complete
- Systems meet or exceed EMSA requirements
- Ongoing compliance monitoring is maintained

2. Warranty Period:

- Technical compliance warranty: 24 months
- System performance warranty: 12 months
- Extended support available under separate agreement

7. LEGAL NOTICES

1. This declaration is made pursuant to applicable EU regulations and may be relied upon by relevant authorities and certified maritime operators.

2. Nothing in this declaration shall be construed as:

- A waiver of any legal rights or remedies
- An assumption of liability beyond statutory requirements
- A guarantee of system performance beyond stated specifications

8. EXECUTION

IN WITNESS WHEREOF, this declaration is executed by the undersigned authorized representative of DeepShield Systems, Inc.

DEEPSHIELD SYSTEMS, INC.

By:

Name: Dr. Marcus Chen

Title: Chief Executive Officer

Date: January 15, 2024

WITNESS:

By:

Name: Robert Kessler

Title: Chief Financial Officer

Date: January 15, 2024

[CORPORATE SEAL]