



Marine & Offshore

Attestation number: 77899/A0 BV

File number: TCE06_117

Product code: RA-CYBER

This attestation is not valid when presented without the full attached schedule composed of 7 sections

REVIEW ATTESTATION

This attestation is issued to

Kongsberg Maritime AS
Ranheim - NORWAY

for

CYBERSECURITY REVIEW
Kongsberg MetaPower Quad

Requirements:

NR467 Bureau Veritas Rules for the Classification of Steel Ships

NR659 Bureau Veritas Rules on Cyber Security for the Classification of Marine Units

IACS UR E27 Rev.1(Sep 2023) Cyber resilience of on-board systems and equipment

This document is issued to attest that BUREAU VERITAS Marine & Offshore reviewed the technical documentation submitted for the equipment identified above. Details of this review are to be found in the "Schedule of Review" in the subsequent pages of this attestation.

For Bureau Veritas Marine & Offshore,

At BV OSLO, on 15 Aug 2024,

Rune MARSTEIN

This attestation was created electronically and is valid without signature



This attestation will not be valid if the applicant makes any changes or modifications to the product which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. This attestation is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgment, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

SCHEDULE OF REVIEW

1. PRODUCT DESCRIPTION :

Kongsberg MetaPower Quad is described in the certificate TAC 74473

2. DOCUMENTS AND DRAWINGS :

Filename	Reference
KMSS 110-0082763B - MPQ Security Capabilities.pdf	Rev. B
KMSS 110-0061719B - MPQ Asset Inventory.pdf	Rev. B
KMSS 110-0061720B - MPQ System Topology.pdf	Rev. B
KMSS 110-0064995B - MPQ Test Procedure.pdf	Rev. B
TCE06_117-Test Report MPQ approved and signed 17.07.2024.pdf	V1.0

No departure from the above documents shall be made without the prior consent of the Society. The manufacturer must inform the Society of any modification or changes to these documents and drawings.

3. TEST REPORTS :

Test report 'TCE06_117-Test Report MPQ approved and signed 17.07.2024.pdf' was witnessed by a qualified BV Surveyor on the 17/07/2024:

The following subjects were investigated :

- TC_1: Human User Identification and Authentication
- TC_2: Account Management
- TC_3: Authenticator Management
- TC_4: Wireless Access Management
- TC_5: Strength of Password-based Authentication
- TC_6: Authenticator feedback
- TC_7: Unsuccessful login Attempts
- TC_8: Authorization Enforcement
- TC_9: Use Control for Portable and Mobile Devices
- TC_10: Mobile Code
- TC_11: Session Lock
- TC_12: Auditable Events
- TC_13: Response to Audit Processing Failures
- TC_14: Timestamps
- TC_15: Malicious Code Protection
- TC_16: Input Validation
- TC_17: Information Confidentiality
- TC_18: Audit Log Accessibility
- TC_19: Resource Management
- TC_20: Control System Backup
- TC_21: Control System Recovery and Reconstitution
- TC_22: Least Functionality

4. APPLICATION / LIMITATION :

4.1 This attestation is an intermediate document and does not constitute by itself a BV Type Approval Certificate. This attestation is limited to cyber resilience of product described in 1. as per UR E27 Rev. 1 dated Sept.2023.

4.2 This attestation is only valid when attached to the valid Type Approval Certificate 74473.

4.3. This attestation has been issued based on the review of documentation provided for the Type Approval Certificate 74473/A0. It is manufacturer's responsibility to inform the Society of any modification or changes which could impact the validity of this attestation

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - For information, Kongsberg, has declared to Bureau Veritas the following production sites:

**Skonnertvegen 1
N-7053 Ranheim
NORWAY**

6. MARKING OF PRODUCT :

N/A - Software.

7. OTHERS :

It is Kongsberg responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

***** END OF ATTESTATION *****