



NIPPON KAIJI KYOKAI

TYPE APPROVAL CERTIFICATE FOR SYSTEMS AND EQUIPMENT WITH CYBER RESILIENCE

Certificate No. TA26503M

This is to certify that the undernoted product(s) has/have been approved in accordance with the requirements specified in Chapter 10, Part 7 of “Guidance for the Approval of Materials and Equipment for Marine Use”, IACS UR E27 and the relevant Society's Rules.

This certificate is issued to

Manufacturer:	Kongsberg Maritime AS
Place of Manufacturer:	Kirkegårdveien 45, 3616 Kongsberg, Norway
Product description/Intended for:	Dynamic Positioning Control System, Position Mooring Control System, Combined Dynamic Positioning and Position Mooring System, Independent Joystick Control System
Model:	K-Pos DP, K-Pos PM, K-Pos DPM, cJoy
Approval No.:	26CY057
Valid until:	17 August 2031

The details are described in the attached sheet(s).

Issued at Tokyo on 18 August 2026.



T. Okamoto
General Manager
Machinery Department

Note: The applicant, if desired, is requested to apply to the Society for renewal prior to the expiration date.

Systems and Equipment with Cyber Resilience:**1. Rules and standards:**

- The product is satisfied with requirement of Chapter 4, Part X of the Rules for the Survey and Construction of Steel Ships, as amended by IACS UR E27 Rev.1.

2. Limitation:

- The product is not capable of communicating to untrusted networks in accordance with requirement of 4.4.3, Part X of the Rules for the Survey and Construction of Steel Ships, as amended by IACS UR E27 Rev.1.
- Major changes of the type approved system affecting future deliveries are to be informed to the Society. If the changes are considered to affect functionality for which rule requirements apply, a new functional type test may be required, and the certificate may have to be renewed to identify the new version.
- Minor changes of the type approved system not affecting functionality for which rule requirements apply are to be documented and submitted.
- For each vessel, Computer-based system asset inventory, Topology diagrams and Test reports are to be submitted for approval or reference in accordance with Table X2.3, Part X of the Rules for the Survey and Construction of Steel Ships.

3. Components:

Name	Brand	Model
Operator Station	Lenovo	MC340 i3 LAN/477549
		MC360 i3 LAN/110 0016256
	Kongsberg Maritime	Panel ALC/603526
		Panel BU DP/603530
		Panel Input Mk2 COP 05/330951
		Panel Input Mk3 COP 05/110-0049940
		Heading Wheel COP 05/603550
		Joystick KC 06-k/304849
		Tracker Ball Standalone Panel/334092
Compact Operation Station	Kongsberg Maritime	cJoy Operator Terminal, Mk4/110 0010765
cWing	Kongsberg Maritime	cWing Mk3 Built-in/484758
		cWing Mk3 Portable/484760
		cWing Junction Box for WT/603206

- To be continued -

NIPPON KAIJI KYOKAI

Attached sheet -2/3 to the Certificate No. TA26503M

Name	Brand	Model
History Station	Lenovo	MC340 i3 LAN/477549
		MC360 i3 LAN/110 0016256
Digital Printer	Kongsberg Maritime	Digital Printer/110 0000324
RCU	Kongsberg Maritime	RCU601/477601
		RCU602/383962
		Serial Splitter NPort 5232-T/415713
		RHUB200-5 Module/603442
		RMP200-8 Module/603443
		RMP201-8 Module/324400
		RSER200-4 Module/603444
DP Status System	Phoenix Contact	PLC: AXC 1050/418636
Switch	Cisco	C1000-24T 4G-L/469125
		C1000-24T 4X-L/110 0001617
	Moxa	IKS-6728A/382427
		IKS-6726A/110-0037724
		EDS-408A/467615
		EDS-518E 4GTXSFP/467617
		EDS-205A/343608
		EDS-208A /463211
		EDS-308/702485
		EDS-316/351658
Firewall Process net	Moxa	EDR-8010 2GSFP/110 0061800
Firewall DMZ/K-GNS	Cisco	C1121X-8P/486643
		C891-24X/K9/417936

- To be continued -

4. Documentation and Test Reports:

- Asset Inventory (Doc. No.: 110-0062855, Rev.: D2)
- System Topology (Doc. No.: 110-0062856, Rev.: D)
- Description of Security Capabilities (Doc. No.: 110-0062857, Rev.: D)
- Test Procedure (Doc. No.: 110-0062858, Rev.: F)
- System Config Manual MC340 (Doc. No.: 481031/A)
- System Config Manual MC360 (Doc. No.: 110-0048488/C)
- Guideline for Secure Development Lifecycle (SDLC) (Doc. No.: KM-GUI-0118, Rev.: A)
- Kongsberg Maritime Patch Management (Doc. No.: KM-GUI-6015, Rev.: A)
- Configuration Management Procedure (Doc. No.: KM-PRO-0120, Rev.: A)
- K-Pos DP Dynamic Positioning System Operator Manual 8.5 (Doc. No.: 110-0066721/D, Rev.: D)
- Change Management (Doc. No.: KM-PROC-0080, Rev.: A)
- Change Management Plan - template (Doc. No.: KM-TMPL-0218, Rev.: A)
- Update Notes DP Basis 8.5.3 (Doc. No.: 110-0107044, Rev.: A)
- Test Report Signed by DNV (Doc. No.: 110-0076887, Rev.: A)

- The End -