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Register

## Software Conformity Certificate

This certificate is issued to

**PRODUCER:** MHPS Control Systems Co., Ltd., Marine Control System Department  
1-1, Akunoura-machi, Nagasaki, 850-8610, Japan

**PLACE OF PRODUCTION:** MHPS Control Systems Co., Ltd., Marine Control System Department  
1-1, Akunoura-machi, Nagasaki, 850-8610, Japan

**DESCRIPTION:** Marine Turbine Control System for Main and Auxiliary Turbines and  
Marine Boiler Control Panel for Main and Auxiliary Boilers

**SOFTWARE:** Marine turbine control system is configured to monitoring, controlling  
and safety of the following systems:

- Marine main turbine remote control system (MTRCS)
- Marine combined steam and scav. sir driven turbine control panel (TCP)

Marine boiler control panel is configured to monitoring, controlling  
and safety of following systems:

- Marine main boiler control panel (MBCP)
- Marine auxiliary boiler control panel (ABCP)

The version numbers of basic software for MTRCS, TCP, MBCP and  
ABCP are as follows (as of 23 May 2017):

- MTRCS : Ver. S\_V2 and Ver. D\_V3
- TCP : Ver. S0\_2\_1 and Ver. D0\_2\_1
- MBCP : Ver. S1\_0\_0 and Ver. D0\_0\_0
- ABCP : Ver. S0\_0\_0 and Ver. D0\_0\_0

**OPERATING ENVIRONMENT:** Operating environment of the hardware and the software are as  
follows:

	<u>Hardware</u>	<u>O/S</u>
MTRCS	MICREX-SX	Manufacturer's original
TCP	MICREX-SX	Manufacturer's original
MBCP	MICREX-SX	Manufacturer's original
ABCP	MICREX-SX	Manufacturer's original

**Certificate No.** SWC 1710002

**Issue Date** 23 May 2017

**Expiry Date** 22 May 2020

**Sheet** 1 of 2

H. Murase  
Yokohama Technical Support Office  
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**ASSESSMENT MODULE:** Relevant requirements of Assessment Module GEN1 1994 for LR Software Conformity Assessment System

**QUALIFICATIONS:** This certificate is valid for subsequent versions of the software, provided the modifications are performed using the change control process covered by this certification, and appropriate configuration management is maintained.  
Major changes are to be notified to LR and documents submitted to demonstrate compliance with assessment criteria (i.e. changes that result in additional functionality or a wider scope of certification).

*This Certificate is valid only for the software mentioned herein and excludes software that has been developed outside the assessed development process.*

*The Design Appraisal Document No. SWC 1710002 and its supplementary Software Conformity Assessment Terms and Conditions form part of this Certificate.*

Certificate No.	SWC 1710002
Issue Date	23 May 2017
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Sheet	2 of 2

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