



NIPPON KAIJI KYOKAI

TYPE APPROVAL CERTIFICATE FOR COMPUTER BASED SYSTEMS

Certificate No. TA19221M

This is to certify that the undernoted product(s) has/have been approved in accordance with the requirements specified in Chapter 8, Part 7 of “Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use” and the relevant Society's Rules.

This certificate is issued to

Manufacturer:	Alpha Ori Technologies Pte. Ltd
Place of Manufacturing:	3 Fusionopolis Way, #13-20 Symbiosis, Singapore
Product description:	Remote Monitoring & Diagnostics Situational Awareness Decision Support System
Model:	SMARTShip System
Software No.:	Software Version: 1
Category:	I
Approval No.:	19CP003
Valid until:	7 April 2024

This certificate is subject to the conditions specified in the attached sheet(s).

Issued at Tokyo on 8 April 2019.



T. Shimada
General Manager
Machinery Department

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

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Attached sheet -1/1 to the Certificate No.TA19221M

Specification & documents:

1. Computer based system:

- The product has been assigned Category I in accordance with the Annex D18.1.1. Part D of the Guidance for the Survey and Construction of Steel Ships, as amended by IACS UR E22 Rev.2.
- The product is satisfied requirement of the Annex D18.1.1. Part D of the Guidance for the Survey and Construction of Steel Ships, as amended by IACS UR E22 Rev.2.

2. Documentation :

AOI-Ch 5 Quality Policy & Quality Objectives
SMARTShip Risk Assessment
Product/Project Development TP/ORGSTD/PM/PD5.0
Quality Control TP/ORGSTD/PM/QC2.0
SMARTShip Installation Flow
SMARTShip V1.2.1 TP/ALPSHP10/TP1.0
Acceptable Usage Policy SMS_Man_002

- The End -