Marine & Offshore

BUREAU VERITAS

Certificate number: 61750/A0 BV
File number: MMS126432/1
Product code: 0001D

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

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

Hanseaticsoft GmbH

Hamburg - GERMANY

for the type of product

MAINTENANCE MANAGEMENT SOFTWARE

Cloud Fleet Manager Maintenance version 2021.11.16.1 and
later releases (see limitations in clause 4)

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships
NR 496 DTM R01 E Approval of Computerized Maintenance Management System used on board ships.

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 18 Jan 2027

For Bureau Veritas Marine & Offshore,
At BV HAMBURG, on 18 Jan 2022,
Dirk Hoepfner

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION (software):

Cloud Fleet Manager (CFM) Maintenance is a web based application. A desktop application is available on board (CSM). They are intended for management of maintenance onboard ships.
<u>Programming language:</u> C sharp
<u>Database Manager:</u> Azure SQL
<u>Integrated Development Environment (IDE):</u> Microsoft Visual Studio
<u>Production site:</u> Hanseaticsoft GmbH - Poßmoorweg 2, 22301 Hamburg Germany

2. DOCUMENTS AND DRAWINGS :

− Cloud Fleet Manager Manual - Cloud Maintenance (dd 30/03/2020)
Demo versions accessible via web:
− Office version : https://demo.cloudfleetmanager.com
− Vessel version : https://demo2.cloudfleetmanager.com

3. TEST REPORTS :

− CFM versions 2020.07.08.2/ 2020.11.18.1/ 2021.11.16.1, tested as per report RRM-2000903-RPT, dd 17/12/2021.

4. APPLICATION / LIMITATION :

The approved Computerized Maintenance Management System is acceptable for use onboard BV classed vessels surveyed under Planned Maintenance System (PMS), or granted with STAR-MACH additional class notation.
This certificate is valid for tested CFM version 2021.11.16.1 and later releases, provided that alterations of functionality remain in line with the Rules in force.
Onboard installation and maintenance requirements:
−The system is to be installed and used according to the manufacturer's recommendations.
−The system is to store history of reported jobs, equipment breakdowns and damages for at least 5 years.
−Access rights are to be set in order to avoid unexpected or spiteful editing or deleting of job planning, maintenance histories and maintenance logs.
−Data back-up is to be scheduled at regular intervals, so that it can be readily restored if needed without loss of essential information.

5. PRODUCTION SURVEY REQUIREMENTS :

The Maintenance Management Software is to be manufactured, examined and tested by Hanseaticsoft GmbH. in accordance with the type described in this certificate.

6. MARKING OF PRODUCT :

Identification is:
−Maker's name or trade mark: Hanseaticsoft GmbH.
−Software name and version: Cloud Fleet Manager Maintenance, Version 2021.11.16.1 (and later releases).
The identification is displayed in the login screen. It is to be available in the software user manual.

7. OTHERS :

7.1 - The approval only concerns the functionality and does not certify that the software is free from anomalies.
Hanseaticsoft GmbH should notify **BUREAU VERITAS** of any modification or changes to the software in order to maintain the validity of the Type Approval Certificate or to renew it, as relevant.
This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the installed softwares at any time and that **Hanseaticsoft GmbH** will accept full responsibility for informing shipbuilders, ship owners or their sub-contractors of the proper methods of use and general maintenance of the software and the conditions of this approval.
7.2 - Hanseaticsoft GmbH web site address: https://hanseaticsoft.com/

*** END OF CERTIFICATE ***