



Marine & Offshore

Certificate number: SMS.LAB.320/122532/A.0

www.veristar.com

RECOGNITION OF TEST LABORATORY

BOBLab d.o.o.
ZAGREB - CROATIA

Summary of the range of the recognition which is detailed in the subsequent page(s):

Measurement of ship's speed, shaft power, fuel oil consumption, inclination angle of ship's hull, torsional vibration, rectilinear vibration, dynamic movements, ship's maneuverability, seakeeping, noise and light intensity

This certificate is issued to attest that Bureau Veritas Marine & Offshore has performed, at the above company's request and in compliance with the requirements of NR320, a satisfactory assessment of the testing facilities and associated quality procedures related to the range of the recognition.

This certificate will expire on: 19 Aug 2023

For Bureau Veritas Marine & Offshore,

At BV RIJEKA, on 11 Sep 2019,

Slaven Celic



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore 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 Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, 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.

The electronic version is available at: <http://www.veristarp.com/veristarnb/jsp/viewPublicPdfRecognition.jsp?id=3ow5wmiynr>

BV Mod. Ad.E 686 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF RECOGNITION

1. RANGE OF THE RECOGNITION

Type of test	Test standard	Test witnessing requirements	Remark
Measurement of dynamic movements	ISO15016, NATO-ANEP-70(1)v01	Tests to be witnessed	
Measurement of fuel consumption	ISO19019	Tests to be witnessed -as practicable- at each periodical audit	
Measurement of inclination angle	ISO15016, NATO-ANEP-70(1)v01	Tests to be witnessed	
Measurement of rectilinear vibration	ISO8528-9	Tests to be witnessed -as practicable- at each periodical audit	
Measurement of seakeeping	ISO15016, NATO-ANEP-70(1)v01	Tests to be witnessed -as practicable- at each periodical audit	
Measurement of shaft power	ISO19019	Tests to be witnessed -as practicable- at each periodical audit	
Measurement of ship's manoeuvrability	ISO19019; MSC.Res 137(76);MSc/Circ.1053	Tests to be witnessed	
Measurement of ship's speed	ISO 19019	Tests to be witnessed -as practicable- at each periodical audit	
Measurement of torsional vibration	IACS UR_M68_Rev.2; BV Rules	Tests to be witnessed -as practicable- at each periodical audit	

2. LIMITATIONS

Bureau Veritas Marine & Offshore is to be informed immediately of any modification to testing facilities and associated quality procedures in order to agree on appropriate actions.

BOBLab d.o.o. has to carry out and report the tests in compliance with the relevant testing standard(s) and has to make the necessary arrangements to comply with the witnessing requirements agreed with Bureau Veritas Marine & Offshore.

BOBLab d.o.o. has to apply for the periodical audits as agreed with Bureau Veritas Marine & Offshore.

3. REMARKS

Nil.

*** END OF CERTIFICATE ***