

EXAMINATION REPORT – EC (A1 NOISE EMISSIONS)

This is to confirm:

That the Recreational Craft Propulsion Engine

with type designation(s)
OXE 300

Manufacturer

OXE Marine AB
Helsingborg, Sweden

Has been assessed with respect to Directive 2013/53/EU of the European Parliament and of the Council

Annex IC, Essential Requirements for Noise Emissions

According to conformity assessment procedure "Module A1" described in Annex II of the Decision No 768/2008/EC of the European Parliament and of the Council, and found to comply with the applicable requirements.

Any changes in hull design, propulsion system, engine type or exhaust system/outlet location, may render this assessment invalid and re-testing will be required.

Further details are given overleaf.

Issued at **Stockholm** on **2020-09-30**

DNV GL local station:
Sweden NB

Approval Engineer:
Kristoffer Uulas



Notified Body
No.: **0098**

for **DNV GL SE**

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Ville Höglund
Deputy Head of Certification Body

Any significant in design or construction of the product, or amendments to the Directive or the applied standards may render this report invalid. The product liability rest with the manufacturer or his representative in accordance with Directive 2013/53/EU of the European Parliament and of the Council.



APPENDIX

The product is found to comply with the following product information

Propulsion	Engine manufacturer	Engine Model	Power kW (ISO 8665)	Pass-by test LpASmax (dBA)
Outboard	OXE Marine AB	OXE 300	224	70.8

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Further details are given overleaf.

Background information

Applied standard(s):

- EN ISO 14509-1:2008 SMALL CRAFT - AIRBORNE SOUND EMITTED BY POWERED RECREATIONAL CRAFT - PART 1: PASS-BY MEASUREMENT PROCEDURES

Test Craft Information:

Craft manufacturer:	Tideman Boats
Craft Type:	Workboat
Model:	RBB900
Date of Manufacture:	2019
CIN:	NL-TBARB902E919
Fuel Load:	100 %

Propulsion Unit Information:

Propulsion manufacturer:	OXE Marine AB
Motor type:	Outboard
Model :	OXE300
Model Year:	2020
Serial No.:	13000 02
Block No.:	63065985
Shaft power according to ISO 8665:	224 kW
Combustion process:	CI
Declared engine speed:	4350 rpm

Job Id: **341.3-000829-1**
Report No: **RCDA100001R8**

Propeller Specifications:

Pitch:	17 inch
Diameter:	14.25 inch
No. of blades:	3

Test Equipment Information:

Sound level meter	
Manufacturer	Brüel & Kjær
Model No.:	2250-L
Serial No.:	2809031
Last calibration date:	2020-09-17
Sound level calibrator	
Manufacturer	Brüel & Kjær
Model No.:	4231
Serial No.:	2699272
Last calibration date:	2020-09-16

Test Results

- Ref. report from Brüel & Kjær – OXE Marine AB_OXE300 Speedboat Pass-by result
Dated 2020-09-17