

SURVEY STATEMENT

Particulars of vessel

Name of vessel:	BALDER
Owner:	Buksér og Berging AS
IMO Number:	7406930

Particulars of survey

Survey station:	Denmark Fleet In Service
Place of survey:	Skagen(DNK,Denmark)-Karstensens Skibsværft
Survey started:	2023-05-30
Survey completed:	2023-06-13
Lead surveyor:	Cieslik, Pawel
Surveyor:	

SiO Surveys

This is to confirm:

That the following have been carried out:

Certificates

Certificate Name	Endorsed	Issued/ Extended	New expiry date	UTN
Classification Certificate		Full Term	2028-06-30	nN2537332-gvb

Surveys

Survey Code	Survey Name	Result
MC.R	Main class renewal	Complete
MC.A	Main class annual	Complete
MS.Sa	Machinery items	Complete
HR.pl	Main class hull renewal	Complete
NOR-1072.R	Norwegian regulations - Towing and anchor handling equipment renewal survey	Complete
TOAH.C	Towing and anchor handling equipment complete survey	Complete
TOAH.A	Towing and anchor handling equipment annual survey	Complete
E0.C	Periodically unattended machinery space complete	Complete
E0.A	Periodically unattended machinery space annual	Complete

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD, and any claims made against DNV based upon alleged defective services provided by DNV to designers, yards, manufacturers or other stakeholders in the newbuilding process shall under any circumstance be time-barred if made later than 12 months from delivery of the vessel. Based upon written request to the DNV legal entity which has issued this document, a higher limitation of liability may be agreed on a case-by-case basis.



Survey of Machinery items

Survey Code	Old Code/ Onb.Name	Survey Item	Result
MDETST		Propulsion engine test	Complete
MDECAS		Propulsion engine > Engine casing	Complete
MDESPC		Propulsion engine > Tie rods	Complete
MDECYA		Propulsion engine > Cylinder head (VP1)	Complete
MDECYA		Propulsion engine > Cylinder head (VP2)	Complete
MDECYA		Propulsion engine > Cylinder head (VP3)	Complete
MDECYA		Propulsion engine > Cylinder head (VP4)	Complete
MDECYA		Propulsion engine > Cylinder head (VP5)	Complete
MDECYA		Propulsion engine > Cylinder head (VP6)	Complete
MDECYA		Propulsion engine > Cylinder head (VS1)	Complete
MDECYA		Propulsion engine > Cylinder head (VS2)	Complete
MDECYA		Propulsion engine > Cylinder head (VS3)	Complete
MDECYA		Propulsion engine > Cylinder head (VS4)	Complete
MDECYA		Propulsion engine > Cylinder head (VS5)	Complete
MDECYA		Propulsion engine > Cylinder head (VS6)	Complete
MDECYL		Propulsion engine > Cylinder liner (VP1)	Complete
MDECYL		Propulsion engine > Cylinder liner (VP2)	Complete
MDECYL		Propulsion engine > Cylinder liner (VP3)	Complete
MDECYL		Propulsion engine > Cylinder liner (VP4)	Complete
MDECYL		Propulsion engine > Cylinder liner (VP5)	Complete
MDECYL		Propulsion engine > Cylinder liner (VP6)	Complete
MDECYL		Propulsion engine > Cylinder liner (VS1)	Complete
MDECYL		Propulsion engine > Cylinder liner (VS2)	Complete
MDECYL		Propulsion engine > Cylinder liner (VS3)	Complete
MDECYL		Propulsion engine > Cylinder liner (VS4)	Complete
MDECYL		Propulsion engine > Cylinder liner (VS5)	Complete
MDECYL		Propulsion engine > Cylinder liner (VS6)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VP1)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VP2)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VP3)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VP4)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VP5)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VP6)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VS1)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VS2)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VS3)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VS4)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VS5)	Complete
MDEPIS		Propulsion engine > Piston and connecting rod arrangement (VS6)	Complete

Survey Code	Old Code/ Onb.Name	Survey Item	Result
MDECRA		Propulsion engine > Crankshaft arrangement	Complete
MDECRB		Propulsion engine > Crank bearing (VP1)	Complete
MDECRB		Propulsion engine > Crank bearing (VP2)	Complete
MDECRB		Propulsion engine > Crank bearing (VP3)	Complete
MDECRB		Propulsion engine > Crank bearing (VP4)	Complete
MDECRB		Propulsion engine > Crank bearing (VP5)	Complete
MDECRB		Propulsion engine > Crank bearing (VP6)	Complete
MDECRB		Propulsion engine > Crank bearing (VS1)	Complete
MDECRB		Propulsion engine > Crank bearing (VS2)	Complete
MDECRB		Propulsion engine > Crank bearing (VS3)	Complete
MDECRB		Propulsion engine > Crank bearing (VS4)	Complete
MDECRB		Propulsion engine > Crank bearing (VS5)	Complete
MDECRB		Propulsion engine > Crank bearing (VS6)	Complete
MDEMAB		Propulsion engine > Main bearing 1	Complete
MDEMAB		Propulsion engine > Main bearing 2	Complete
MDEMAB		Propulsion engine > Main bearing 3	Complete
MDEMAB		Propulsion engine > Main bearing 4	Complete
MDEMAB		Propulsion engine > Main bearing 5	Complete
MDEMAB		Propulsion engine > Main bearing 6	Complete
MDEMAB		Propulsion engine > Main bearing 7	Complete
MDEVID		Propulsion engine > Vibration dampers	Complete
MDECAM		Propulsion engine > Camshaft arrangement P	Complete
MDECAM		Propulsion engine > Camshaft arrangement S	Complete
MDEFUO		Propulsion engine > Fuel system	Complete
MDESCA		Propulsion engine > Combustion air cooler A (and Scavenge arrangement)	Complete
MDESCA		Propulsion engine > Combustion air cooler F (and Scavenge arrangement)	Complete
MDETUR		Propulsion engine > Turbocharger A	Complete
MDETUR		Propulsion engine > Turbocharger F	Complete
MDESTA		Propulsion engine > Starting system, pneumatic	Complete
CPDFOU		Propulsion driver foundation	Complete
REDGEA		Propulsion reduction gear C	Complete
TRUSHA		Propulsion thrust shaft	Complete
CPTBEA		Propulsion thrust bearing, axial plain	Complete
CPRCOU		Propulsion shaft coupling, elastic	Complete
CPPSER		Propeller, controllable pitch > Controllable pitch servo mechanism	Complete
CPPHPS		Controllable pitch propeller hydraulic power system	Complete
AUTDIE		Manoeuvring thruster engine C (Same as ME)	Complete
USFPTO		Propulsion and steering systems, unspecified products	Complete
MEPDIE		Main generator engine P	Complete
MEPTST		Main generator engine P test	Complete
MEPTUR		Main generator engine P > Turbocharger	Complete
MEPDIE		Main generator engine S	Complete
MEPTST		Main generator engine S test	Complete
MEPTUR		Main generator engine S > Turbocharger	Complete

Survey Code	Old Code/ Onb.Name	Survey Item	Result
MEPGEN		Main generator P	Complete
MEPGEN		Main generator S	Complete
MEPSWL		Main switchboard	Complete
MEPSWL		Main distribution switchboards	Complete
ELECNV		Main power transformers (Transformer/convertor)	Complete
EEPSWL		Emergency distribution switchboard	Complete
ELECNV		Emergency power transformers (Transformer/convertor)	Complete
FUOPIP		Fuel oil piping	Complete
FUOPUI		Fuel oil pumping unit (Booster, ME)	Complete
FUOPUI		Fuel oil pumping unit (Transfer)	Complete
LUOPIP		Lubricating oil piping	Complete
LUOPUI		Lubricating oil pumping unit (Transfer)	Complete
LUOPUI		Lubricating oil pumping unit (Priming)	Complete
LUOPUI		Lubricating oil pumping unit (AT) (Main)	Complete
LUOPUI		Lubricating oil pumping unit (AT) (Gear)	Complete
LUOPUI		Lubricating oil pumping unit S (Gear)	Complete
LUOCOO		Lubricating oil cooler (Gear)	Complete
LUOCOO		Lubricating oil cooler (Main, Sea Water)	Complete
SLUPUI		Sludge pumping unit	Complete
FWCPIP		Fresh water piping	Complete
FWCPUI		Fresh water pumping unit (AT) (ME)	Complete
FWCPUI		Fresh water pumping unit S (ME)	Complete
FWCCOO		Fresh water cooler (ME)	Complete
SAMCUI		Starting air compressor unit, main A	Complete
SAMCUI		Starting air compressor unit, main F	Complete
SAECUI		Starting air compressor unit, emergency	Complete
COAPIP		Starting air piping	Complete
SAMARE		Starting air receiver, main L	Complete
SAMARE		Starting air receiver, main U	Complete
BILPIP		Bilge water piping	Complete
BBFPUI		Bilge water pumping unit	Complete
BBFPUI		Bilge water pumping unit (General service)	Complete
BALPIP		Ballast piping	Complete
NAVSWL		Navigation light switchboards	Complete
FIEPUI		Fire water pumping units, emergency	Complete

C/E - Indicates survey carried out by Chief Engineer

Follow-Up Surveys

Memo to owner(MO)

MO 809

Deleted

Issued: 2022-05-31

Main Class Renewal surveys commenced.

UTM measurements completed, Tank inspections commenced, fuel tanks outstanding.

Repairs as per UTM report to be carried out before completion of MC.R.

Action:

Renewal survey completed.



for **DNV**

*This document is signed electronically in accordance with IMO
FAL.5/Circ.39/Rev.2. Validation and authentication can be obtained from
trust.dnv.com by using the Unique Tracking Number (UTN):*

nN2537332-nto and ID: 09905

Cieslik, Pawel
Surveyor

Notwithstanding anything to the contrary stated in the classification documentation for the present vessel DNV reserves the right to initiate a suspension procedure before finally suspending class.

*) Issued latest 7 days after completion-date, containing information regarding the survey. Possible restrictions regarding the use of the vessel is documented in the survey statement.