Certificate no.:
TACC0000026

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Combat Boat

with type designation(s)
CB90

issued to
N. Sundin Dockstavarvet AB
DOCKSTA, **Sweden**

is found to comply with
DNV Standard DNV-ST-0342 - Craft, 2022

Application:

See next page

Issued at **Høvik** on **2025-11-21**
This Certificate is valid until **2030-11-20**.
DNV local unit: **Sweden CMC**

for **DNV**

Approval Engineer: **Liam Caleb Harnum-Hotton**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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.

Conditions

Type certification means that the boat builder has engaged himself to build boats in series identical to the prototype which the Society has inspected and found to be in accordance with the abovementioned standard. The production of the type certified boat is subject to surveillance by the Society, by inspection. Boats of the certified type are to be equipped with an individual certificate to be issued upon product survey.

The certification is based on the assumption that the boats will be handled in a seamanlike manner as stipulated in the standard.

Boat type

Boat type identification number:	**203.05**
DNV design ID	**P49585**
Application of standard:	**Requirements for decked craft. DNV Rules for HSLC, class notation 1A HSLC R2 PATROL applied for approval of hull structure. (Ref. ST-0342 Sec. 3.1.3 Alternative design standards)**

Particulars

Length, Loa:	**16.3 m**
Beam incl. fenders, B max:	**4.11 m**
Draught incl. keel, max:	**1.041 m**
Height above waterline, incl. mast, max:	**7.0 m**
Weight of boat, incl. engine, equipment, net:	**21.680 t**
Hull material:	**EN- AW 5081 EN-AW 6082**
Propulsion:	**2 x Scania DI16 077M**

Restrictions

Engine power, max:	**2 x 736 kW**
Maximum load (fuel, persons, add. weight):	**4.981 t**
Number of persons, max:	**21 Persons**

Special restrictions and additional comments:

Design vertical acceleration

Design vertical acceleration at center of gravity a_{cg} = 3.1g.
The operation of the craft has to be carefully adjusted to the wave pattern in terms of heading and reduced speed, to prevent excessive loads on the hull. Acceleration meters installed onboard shall be used to ensure operation of the boats within the design limit.

Periodical assessment

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in https://approvalfinder.dnv.com