DNV·GL

Certificate No:
MEDB000004T

EC-TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2013/52/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Launching appliances using fall (davits)

with type designation(s)
Davit BD-PV60S

Issued to
Boatbuilding Yard, Qingdao Beihai Shipbuilding Heavy Industry Co., Ltd.
Qingdao Shandong, China

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/1.21 and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation III/4, III/23, III/33, III/34 & X/3, LSA Code and 2000 HSC Code 8

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2015-07-31
for **DNV GL AS**

This Certificate is valid until
2020-07-30

Notified Body No.: **0575**

Petter Langnes
Head of Department

DNV GL local office:
Qingdao

Paulo Correia
Surveyor

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Product description

Lifeboat/Rescue boat davit with;
- Maximum Working Load, MWL = 54 kN
- Maximum Hoisting Load, MHL = 32 kN

Application/Limitation

- Grades of materials as stated on drawings are to be delivered with makers product certificates (3.1).

- The various components transferring the load like wires, shackles, hooks, etc. are to comply with international standards or codes and are to be delivered with manufacturer's certificate, confirming a safety factor minimum 6 compared to the sustained load.

- Falls to be used with the launching appliance shall be of rotation-resistant and corrosion-resistant steel wire rope.

- Installation, onboard testing (MSC.81(70) part.2), support to the deck structure, and connection to power supply are not included in this examination and shall be accepted by attending surveyor in each case.

Type Examination documentation

PV60S-00	00	BD-PV60S Davit, assembly
PV60S-01	00	Head Tackle, assembly
PV60S-02	00	Floating tackle
PV60S-02/01	00	Tackle case
PV60S-02/02	00	Lifting lug
PV60S-03	00	Boat fall chain
PV60S-03/01	00	Lifting ring
PV60S-04/01	00	Eyeplate
PV60S-04/02	00	Pothook
PV60S-04	00	Davit arm
PV60S-08	00	Aftside frame
PV60S-08	00	Forside frame
PV60S-12	00	Pivot unit
PV60S-12/04	00	Shaft
PV60S-13	00	Guiding tackle
PV60S-14	00	Remote control unit
PV60S-15	00	Wire system of boat lifting
PV60S-16	00	Recovery device
PV60S-16/01	00	Recovery strop
PV60S-17	00	Maintenance line

Tests carried out

Prototype testing according to IMO Resolution MSC 81(70) carried out 2005-05-10 and witnessed by DNV GL Qingdao.

Marking of product

Marking shall be implemented in accordance with the LSA Code, item 1.2.2.9:
- Type designation, manufacturer name and serial number
- Maximum Working Load, MWL

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

END OF CERTIFICATE