



Marine & Offshore
Division

Certificate number: 02785/H0 BV

File number: ANC 32/01

Product code: 6432I

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to
FOB SAS BREST
BREST CEDEX - FRANCE

for the type of product
HIGH HOLDING POWER ANCHORS
"FOB H. P."

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

This certificate is issued to attest that BUREAU VERITAS did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 18 Jan 2021

For BUREAU VERITAS,
At BV BREST, on 18 Jan 2016,
Marc Hanneltel



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 and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division 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 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 SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

“ FOB H.P. ”

This approval covers a mass range of high holding power anchors of an stockless type, from 4 kg to 200 kg.

2. DOCUMENTS AND DRAWINGS :

2.1. Main design appraisal documents

2.1.1. Drawings

N° 8135: ANCRE FOB HP Ensemble 10 kg.

N° 8136: ANCRE FOB HP Ensemble 20 kg.

N° 8137: ANCRE FOB HP Ensemble 60 kg.

N° 8138: ANCRE FOB HP Ensemble 90 kg.

2.2. Miscellaneous

These anchors are made of high tensile steel E 36.2.

3. TEST REPORTS :

Test report Anchors 90kg N°369/MC dated 22/06/1981

4. APPLICATION / LIMITATION :

4.1 - Material certificate as per the Regulation stated on the cover page of this certificate.

4.2 -These anchors may be accepted for following categories of ships:

- High speed crafts complying with Rules for the Construction and Classification of High Speed Craft (NR396)
- Small ships complying with Rules for the Classification of Cargo Ships less than 65 m and Non Cargo Ships less than 90m (NR600)
- Yachts complying with Rules for the Classification and the Certification of Yachts (NR500)

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The HHP anchors are to be supplied by FOB SAS BREST. in compliance with the type and the requirements described in this certificate.

5.2 - This type of product is within the category IBV of Bureau Veritas Rule Note NR320.

5.3 - BV product certificate is required.

5.4 - Each anchor is to be tested with the proof load as indicated in Regulation stated on the cover page of this certificate.

6. MARKING OF PRODUCT :

As per the Regulation stated on the cover page of this certificate.

7. OTHERS :

7.1. This approval is given with the understanding that the manufacturer will accept full responsibility for informing shipbuilders or their sub-contractors of the proper methods of fitting and general maintenance of the approved equipment and the conditions of this approval.

7.2. Where subcontracting takes place, the manufacturer, FOB SAS BREST, remains entirely and solely responsible for compliance of the supplied products with the applicable requirements.

7.3. This certificate supersedes the Type Approval Certificate n° 02785/G0 BV issued on 29/09/2010 by the Society.

*** END OF CERTIFICATE ***