Marine & Offshore

Certificate number: 16295/C0 BV
File number: ANC 32/04
Product code: 6433I

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

VERY HIGH HOLDING POWER ANCHORS

" FOB ROCK "

Requirements:
Bureau Veritas Rules for the Classification of Steel Ships

This certificate is issued to attest that Bureau Veritas Marine & Offshore 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: 01 Oct 2023

For Bureau Veritas Marine & Offshore,
At BV BREST, on 01 Oct 2018,
Marc Hannetel

BUREAU VERITAS SURVEYORS AT PARIS 1828 BREST INTERNATIONAL REGISTER

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 Marine & Offshore. 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 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 Marine & Offshore 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 ROCK »

This approval covers a mass range of Very High Holding Power - VHHP - anchors of an stockless type, from 8 kg to 120 kg.

2. DOCUMENTS AND DRAWINGS :

- Drawing booklet « ANCRE FOBROCK », 18 pages, reviewed by the Society on May 18, 2010

3. TEST REPORTS:

- Full scale performance trials of Holding power witnessed by a Bureau Veritas Surveyor, as per document « Attestation » N° 26 BRT 02a, dated October 4, 2005.
- Full scale performance trials of Holding power witnessed by a Bureau Veritas Surveyor, as per document « Attestation » N° 07 BRT 10a, dated March 10, 2010.

4. APPLICATION / LIMITATION:

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

4.2 - Where these anchors are used as bower anchors, the mass of each anchor is to be not less than 50% of that required for ordinary stockless anchors according to ship Equipment Number as per the Regulation stated on the cover page of this certificate.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The VHHP anchors FOB ROCK are to be supplied by **FOB SAS BREST** in compliance with the type and 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 - It is **FOB SAS BREST**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - Where subcontracting takes place, the manufacturer, **FOB SAS BREST, Brest - France**, 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° 16295/B0 BV issued on 04/07/2012 by the Society.

***** END OF CERTIFICATE *****