



Confirmation of Product Type Approval 07/FEB/2012

Please refer to the "Service Restrictions" shown below to determine if Unit Certification is required for this product.

This is to certify that, pursuant to the Rules of the American Bureau of Shipping (ABS), the manufacturer of the below listed product held a valid Manufacturing Assessment (MA) with expiration date of 11/OCT/2016. The continued validity of the Manufacturing Assessment is dependent on completion of satisfactory audits as required by the ABS Rules.

And; a Product Design Assessment (PDA) valid until 30/JAN/2017 subject to continued compliance with the Rules or standards used in the evaluation of the product.

The above entitle the product to be called Product Type Approved.

The Product Design Assessment is valid for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.

ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

BOYUT MAK. SAN. ve TIC. LTD. STI. Model Name(s): ULTRAnchor UA05-UA360

Presented to:

BOYUT MAK. SAN. ve TIC. LTD. STI.
Davutpasa Cad. Latifaga-Yildiz Sok. Basoglu Sanayi Sitesi No:17
Davutpasa
Istanbul
Turkey

Intended Service:	SHP Anchors for Restricted Service and to a Maximum Weight of 1500 kg
Description:	Stainless Steel SHP Anchors for Restricted Service
Ratings:	5 kg through 360 kg
Service Restrictions:	Unit Certification is required if intended for use on ABS Classed vessels having Equipment Symbol Circle E class notation. Restricted service as per SVR 2-2-1/1.3.3.
Comments:	1.) NDE is to be carried out for fabrication welding before and after proof load application. Location for NDE is to be as per ABS Rules for Building and Classing Steel Vessel 2-2-1/5.3.NDE is to be carried out in accordance with ABS Rules for Building and Classing Steel Vessel 2-2-1/7.3.5 2.) Product tests are to be in accordance ABS Rules for Building and Classing Steel Vessel 2-2-1/7.3. 3.) Proof Load testing is to be carried out to the anchor according to ABS Rules for Building and Classing Steel Vessel 2.2.1/7.1.3. 4.) Materials: AISI 316
Notes / Documentation:	UA 360 KG & UA 360 HS 02
Term of Validity:	This Product Design Assessment (PDA) Certificate 12-IS827733-PDA, dated 31/Jan/2012 remains valid until 30/Jan/2017 or until the Rules or specifications used in the assessment are revised (whichever occurs first). This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product. Use of the Product on an ABS classed

vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA. Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

ABS Rules: Rules for Building and Classing Steel Vessel 2011 , 1-1-4/7.7 & 1-1-Appendix 3 & 2-2-1

National Standards: Not Applicable

International Standards: Not Applicable

Government Authority: Not Applicable

EUMED: Not Applicable

Others: Not Applicable

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	12-IS827733-PDA	31/JAN/2012	30/JAN/2017



ABS Programs

ABS has used due diligence in the preparation of this certificate and it represents the information on the product in the ABS Records as of the date and time the certificate was printed. Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. Limited circumstances may allow only Prototype Testing to satisfy Type Approval. The approvals of Drawings and Products remain valid as long as the ABS Rule, to which they were assessed, remains valid. ABS cautions manufacturers to review and maintain compliance with all other specifications to which the product may have been assessed. Further, unless it is specifically indicated in the description of the product; Type Approval does not necessarily waive witnessed inspection or survey procedures (where otherwise required) for products to be used in a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS. Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.