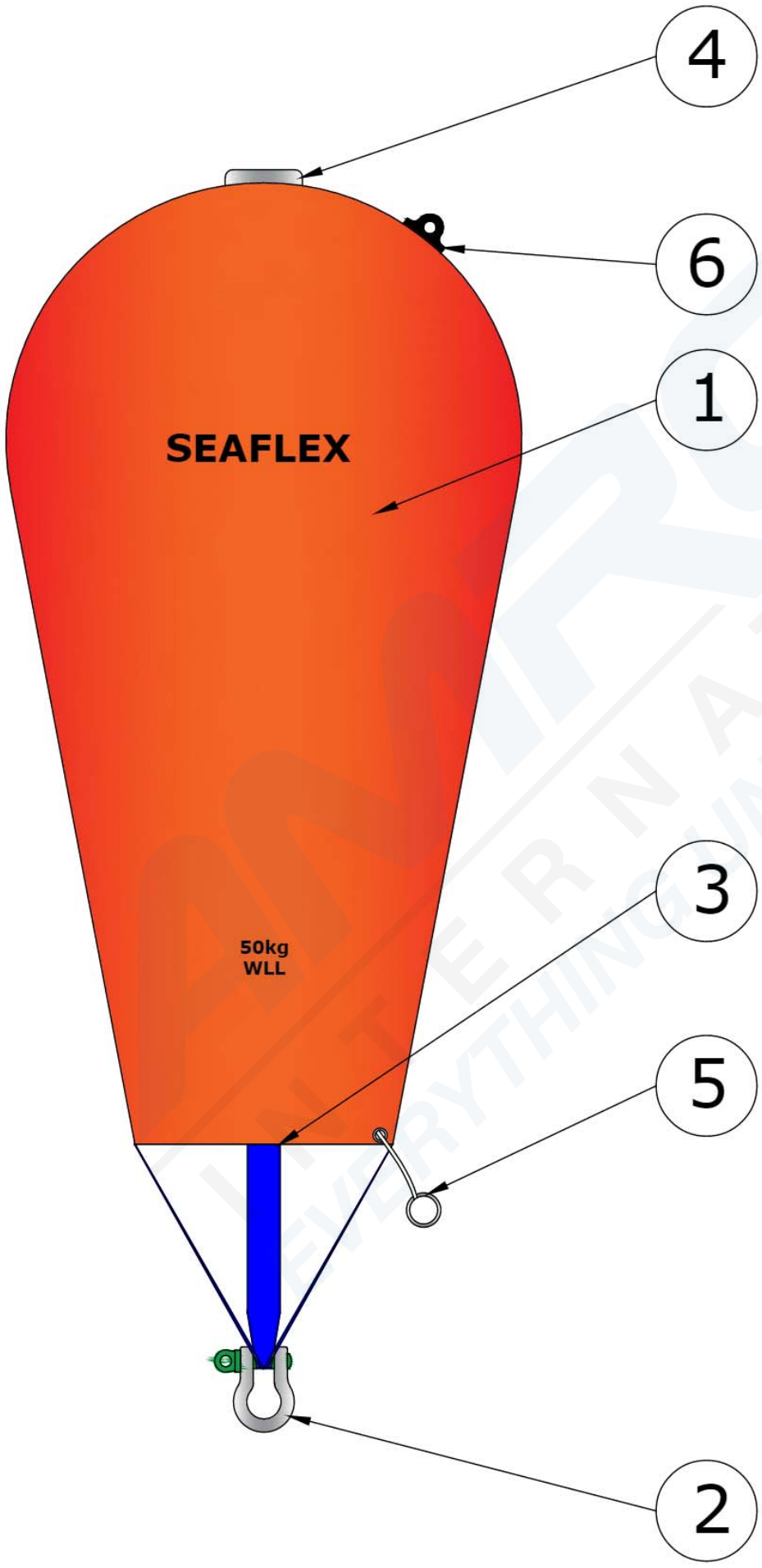
PRODUCT DETAILS:

Max Height Filled - 1.0m
Max Height Empty - 1.1m
Max Diameter Filled - 0.4m
Product Weight - 0.5kg Approx

50kg Air Lift Bag Component List			
Item Number	Component Title	Component Description	QTY Per Unit
1	Canopy	Heavy Duty PVC coated Polyester Base Cloth	1
2	Shackles	Galvanised Green Screw Pin Shackles	1
3	Main Strops	Polyester Sling Webbing fitted	4
4	Dump Valve	2" Bottom Operated Dump valve	1
5	Dump Valve Lanyard	3mm Cord complete with Tinsley Ring	1
6	Inverter Point	Webbing Patch for Inverter Line Attachment	1



Rev	Date	Description	Drawn	Checked	Appd
01	03.08.15	Initial Issue	GJP	GSB	GSB

Unique SEAFLEX
A Unique Maritime Group Company

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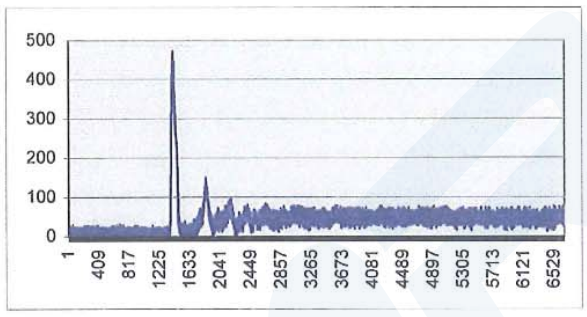
DRAWING TITLE: 50kg Air Lift Bag Specification Sheet	SCALE: N.T.S @ A3
PROJECT NUMBER: Air Lift Bag (ALB)	DRAWN: GJP
DRAWING No.: 50kg - ALB - SS	REVISION: 01

Tropical Engineering Limited

Unit 8, Saunders Drive, Somerton Industrial Park, Cowes, Isle of Wight, PO31 8HU
Tel: 01983 280456 Fax: 01983 281844 Email: office@tropicalengineering.co.uk

Certificate of Test 1072

Item under Test	50kg Seaflex Air Lift Bag (ALB)
Date of Test	25th June 2007
Test load cell	Type STA-2000 S/No. 9597403
Instrumentation	Pico ADC11
Sample rate	5MHz
Results	Peak force measured at 472 Kg
Type Test	In accordance with IMCA D016



All test loads applied are traceable to national standards

R. Cundall
Test engineer

CERTIFICATE NUMBER

12-LD890111-PDA

DATE

22 August 2012

ABS TECHNICAL OFFICE

London Engineering Department

CERTIFICATE OF DESIGN ASSESSMENT

This is to Certify that a representative of this Bureau did, at the request of

SEAFLEX LTD.

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

PRODUCT: **Air Lift Bag**

MODEL: **25kg ALB, 50kg ALB, 100kg ALB, 250kg ALB, 500kg ALB, 1t ALB, 2t ALB, 3t ALB, 5t ALB, 10t ALB, 20t ALB and 35t ALB**

This Product Design Assessment (PDA) Certificate 12-LD890111-PDA, dated 22/Aug/2012 remains valid until 21/Aug/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.

AMERICAN BUREAU OF SHIPPING

John L. Morgan
Engineer