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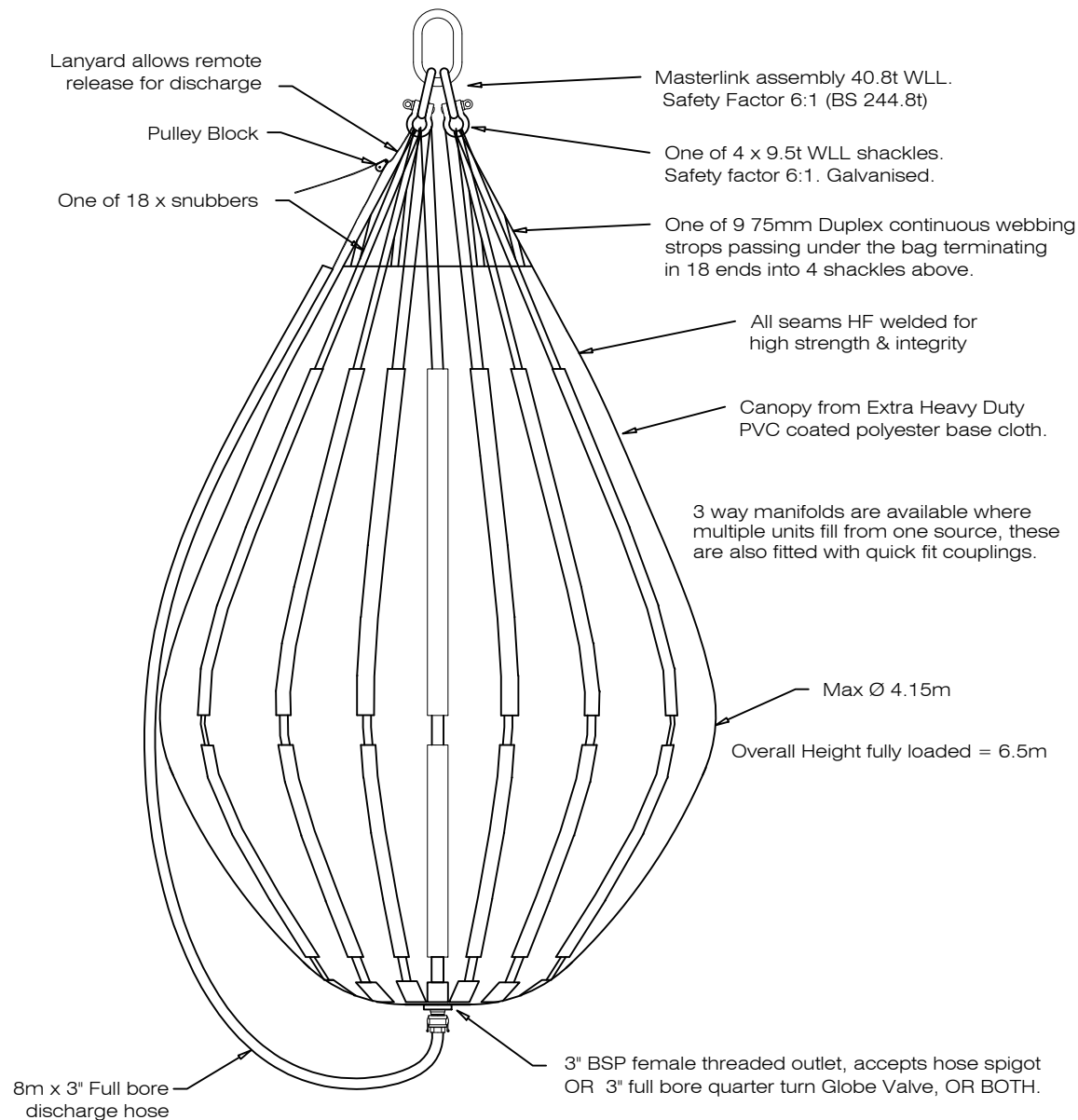
Unique **SEAFLEX**

A Unique Maritime Group Company

SEAFLEX WATERLOAD™ 35T SPECIFICATIONS

www.seaflex.co.uk

UNIQUE SEAFLEX WATERLOAD STANDARD 35t UNIT



UNIQUE SEAFLEX 35t WATERLOAD BAGS ARE SUPPLIED COMPLETE AND READY FOR USE IN TRANSIT CASE FROM WHICH THEY CAN BE HOISTED WITHOUT ANY SITE HANDLING.

PRODUCT WEIGHT - 274kg App.
ILLUSTRATION ONLY - DO NOT SCALE

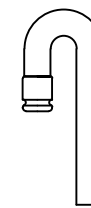
It should be noted that 35t bags are up to 1.3m taller when empty, and sufficient headroom is required to allow for this, plus any valve and hose that may be fitted for discharge

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MANUFACTURED IN ACCORDANCE WITH ISO 9001:2008 PROCEDURES SUPPLIED WITH LOG BOOK CONTAINING PRIMARY CERTIFICATION AND CERTIFICATE OF CONFORMANCE

WATERLOAD BAGS INDEPENDENTLY TYPE TESTED BY TUV NEL LTD WITH A SAFETY FACTOR OF 6:1.

CERT No. Seaflex Type 35t/001/2012



'J' Tube can be placed in any position for filling
Instantaneous coupling to 2.5" standard fire hose

01	08.08.12	Drawing Amended and Renumbered from 240501/2MLB	GJP	GSB
Rev	Date	Description	Drawn	Checked



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SEAVIEW ROAD
COWES
ISLE OF WIGHT
ENGLAND
PO31 7US

TEL: +441 983 290 525
www.seaflex.co.uk

TITLE 35t WATERLOAD BAG (WLB)				
SCALE N.T.S @ A4	DATE 08.08.2012	DRAWN GJP	CHECKED GSB	
DRAWING No. 35tWLB - 016 - SS				REVISION 01

Certificate of Type Test

Issued by : **TUV NEL Ltd**

Mechanical Testing & Analysis

Certificate No. : **Seaflex Type 35t/001/2012** Date of Issue: **21 March 2012**



TUV NEL Ltd.
East Kilbride,
Glasgow, G75 0QF, UK.

Tel No. 01355 220222.
Fax No. 01355 272999

Page 1 of 2

Authorised Signatories:

D Hare,

Customer : Seaflex Ltd.

Customer Address : Samuel Whites, Cowes, Isle of Wight, PO31 7R, United Kingdom.

Order No. : 230112/1BB

Project No. : SEL006

NEL Test Mark : MUIA-01

Certificate No. : **Seaflex Type 35t/001/2012**

Specimen received date : 23 February 2012

Date of Test : 23 February 2012

Specimen Description : 35 Tonne capacity Water Load Bag (WLB) constructed from high tensile PVC coated polyester 3 x 3 Panama 1650gms/m based cloth complete with HF welded seams. 9 off 75 mm wide polyester webbing strops c/w sewn loops are arranged equi-distant around the circumference of the bag. The strops travel from the top of the bag through strop pockets and pass 'Under-the-bag' forming a cradle and terminate at the top of the bag directly opposite their starting point. The free ends (18 off) are terminated in loops through which 4 x 9.5t SWL green pin shackles are passed (4-5 straps/shackle) and linked to a Grade 8 Quad Assembly S-22-8 Masterlink with a SWL of 40.8t and S.F. of 6:1. A 3" BSP male female lever handle quarter turn ball valve, to which a 3" diameter layflat hose may connect, is fitted to the base flange for emptying of the bag. A light alloy swan neck c/w 2.5" instantaneous coupling is fitted at the top of the bag for filling from a hydrant or pump. The bag has an overall height of 6.5 m and a diameter of 4.0 m when full.
(See overleaf for bag drawing and Components List).

Identification Mark : **Seaflex 35T WLB**

Type of Test : Type Test in accordance with Health & Safety Executive Notice 3/88 and Guidance No. IMCA D016.

Test Machine : D1

Peak Load Achieved By Snatch Test : 2059.38 kN (210.05 Tonne)

Test Results : Pass

Comments : Full Dimensional Specifications supplied by Seaflex Ltd. and retained by NEL.

Distribution

Seaflex Ltd.	1 copy
TUV NEL Ltd	1 copy

Tested by T. Gallagher

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to recognised national standards, and to units of measurement realised at the National Physical Laboratory or other recognised national standards laboratories. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Waterbag Type_Test_Cert HSE3/88 & IMCA D016 Issue 1



NEL is the trading name of TUV SUD NEL Ltd
Registered in Scotland at East Kilbride, Glasgow G75 0QF, United Kingdom
Registered number: SC215164. TUV SUD NEL Ltd is a company of the TUV SUD Group.

TUV SUD NEL Ltd operates a Quality Management System certified to ISO9001.

TUV®



CERTIFICATE NUMBER

11-LD689625-3-PDA

DATE

17 May 2013

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: **Load Bag, Water Filled**

MODEL: **1, 2, 3, 5, 10, 15, 20, 25 & 35 Tonnes**


This Product Design Assessment (PDA) Certificate 11-LD689625-3-PDA, dated 17/May/2013 remains valid until 06/Feb/2016 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

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

Key Features and Benefits at a Glance

For Your Peace of Mind

- Fully compliant with LEEA 051 guidelines and also with ABS Product Design Approval (PDA).
- Strops compliant to BS EN 1492 Part 1.
- Manufacturing traceability for each product back to component level.
- 6:1 safety factor verified by TÜV NEL Type Test.
- High performance structural fabric canopy.
- RF welded seams for strength and integrity.
- Webbing harness terminates with single steel lifting ring.
- Rental units inspected and tested between every single job.



For Your Ease of Operation

- User-positioned “swan-neck” filling system.
- Fire-hose inlet and quick-dump outlet.
- Integral handling ladders.
- Can be used in clusters for loads of up to 150 tonnes on a single hook, multiple clusters can be used for higher loads.
- Can be supplied complete with load cells and load shackles.
- Delivered ready for immediate use with universally compliant documentation: WaterLoad bag-specific log book containing certification, service records and operating manual.

Unit		Packed				Filled	
Type	Kg	L	W	H	Kg	Diameter	Height
1-WLB	1,000	0.50	0.35	0.25	22	1.60	1.90
2-WLB	2,000	0.75	0.40	0.25	33	1.80	2.50
3-WLB	3,000	0.80	0.35	0.30	42	1.80	2.70
5LH-WLB	5,000	0.90	0.50	0.35	58	2.20	3.10
10-WLB	10,000	1.10	0.50	0.40	85	2.30	4.80
15-WLB	15,000	1.20	1.00	0.40	145	2.70	5.40
20-WLB	20,000	1.20	1.00	0.55	160	3.20	5.50
25-WLB	25,000	1.20	1.10	0.65	210	3.80	5.90
35-WLB	35,000	1.20	1.10	0.80	240	4.15	6.60
50-WLB	50,000	2.10	1.20	0.80	416	4.20	8.00



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Seaview Road, Cowes, Isle of Wight, PO31 7US, United Kingdom

Tel: +44 1983 290 525 Fax: +44 1983 295 853 Email: sales@seaflex.co.uk

www.seaflex.co.uk

Company Registration Number 2121139 VAT number 458760608

