DET NORSKE VERITAS

Certificate No. 36125740.04

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF LOOSE GEAR (CG3)

Location (name of ship, platform etc.)	Call sign
N/A	N/A
	DNV ID. No. N/A

Owners	Port of registry
Blue Manta International Ltd	**N/A**

(1) Distinguish number or mark	(2) Description of gear (the dimension of the gear, the type of material of which it is made, and where applicable, the heat treatment received in manufacture should be stated)	(3) Number tested	(4) Date of test	(5) Test load applied (tonnes)	(6) Safe working load (SWL) (tonnes)
BM-SW-0403	**Sheave Wheel Assembly (-20°C Rated) 2Te line pull 4Te head pull sheave 180° C/W 32mm Saftey Load Pin I/D 3/1 (No Eye to Eye Swivel supplied with Sheave)**	**1**	**28/05/2008**	**8 000 KGS**	**4 000 KGS Head Fitting 2 000 Kgs Line Pull**

Name and address of makers or suppliers:
Blue Manta International Ltd 5, Kirkton Avenue, Pitmedden Industrial Estate, Aberdeen, Aberdeenshire AB21 0BF

Reason for issuing the certificate: ☒ Initial certification ☐ Recertification ☐ Repair
☐ Other, (give reason):

DNV station employing the competent person: **Aberdeen**

I certify that the above items of loose gear were tested and thoroughly examined and no defects affecting their SWL were found.

Place: **Aberdeen Lifting Services (UK) Ltd, Aberdeen** Signature:

S. Manson

Date: **05/06/2008**

Note:
This Certificate is the standard international form as recommended by the International Labour Office in accordance with ILO Convention No. 152.

INSTRUCTIONS

1. Every item of loose gear is to be tested and thoroughly examined before being put into use for the first time and after any substantial alteration or repair to any part liable to affect its safety. The test loads to be applied shall be in accordance with the following table:

Item	Test load (tonnes)
Single sheave blocks (see Note 1)	4 × SWL
Multi sheave blocks (see Note 2): SWL ≤ 25 tonnes 25 tonnes < SWL ≤ 160 tonnes SWL > 160 tonnes	 2 × SWL (0.933 × SWL) + 27 1.1 × SWL
Chains, hooks, rings, shackles, swivels etc.: SWL ≤ 25 tonnes SWL > 25 tonnes	 2 × SWL (1.22 × SWL) + 20
Lifting beams, spreaders, frames, and similar devices: SWL ≤ 10 tonnes 10 tonnes < SWL ≤ 160 tonnes SWL > 160 tonnes	 2 × SWL (1.04 × SWL) + 9.6 1.1 × SWL
1. The SWL for a single sheave block, including single sheave blocks with beckets, is to be taken as one half of the resultant load on the head fitting. 2. The SWL of a multi sheave block is to be taken as the resultant load on the head fitting.	

2. This form may also be used for the certification of interchangeable components of lifting appliances.

3. The expression 'tonne' shall mean a tonne of 1000 kg.

4. The terms 'competent person', 'thorough examination' and 'lifting appliance' are defined in Form No.CG.1.

Note: For recommendations on test procedures, reference may be made to the ILO document 'Safety and Health in Dock Work'.