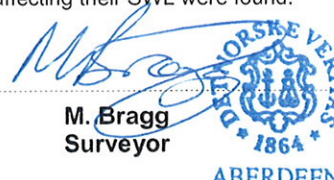




DET NORSKE VERITAS

Certificate No. **ABD36125740.12****CERTIFICATE OF TEST
AND THOROUGH EXAMINATION
OF LOOSE GEAR
(CG3)**

Location (name of ship, platform etc.) N/A		Call sign N/A			
		DNV ID. No. N/A			
Owners Blue Manta		Port of registry 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-1001-6 BM-SW-2001-4 BM-SW-0601-4	Sheave for encapsulated control line Sheave for encapsulated control line Sheave for encapsulated control line 07-ABD-289/290/291 D.A.F:1.3 Min Design Temp: -20 Deg C	6 4 4	07/01/2008 07/01/2008 07/01/2008	20 Tonnes 40 Tonnes 12 Tonnes	10 Tonnes 20 Tonnes 6.5 Tonnes
Name and address of makers or suppliers: Blue Manta Ltd, Pitmedden Ind Est, Dyce, Aberdeen, Scotland, UK					
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		Signature:  M. Bragg Surveyor  ABERDEEN			
Date: 14th January 2008					
Note: This Certificate is the standard international form as recommended by the International Labour Office in accordance with ILO Convention No. 152.					
If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.					

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)	$4 \times \text{SWL}$
Multi sheave blocks (see Note 2): SWL $\leq$ 25 tonnes 25 tonnes < SWL $\leq$ 160 tonnes SWL > 160 tonnes	$2 \times \text{SWL}$ $(0.933 \times \text{SWL}) + 27$ $1.1 \times \text{SWL}$
Chains, hooks, rings, shackles, swivels etc.: SWL $\leq$ 25 tonnes SWL > 25 tonnes	$2 \times \text{SWL}$ $(1.22 \times \text{SWL}) + 20$
Lifting beams, spreaders, frames, and similar devices: SWL $\leq$ 10 tonnes 10 tonnes < SWL $\leq$ 160 tonnes SWL > 160 tonnes	$2 \times \text{SWL}$ $(1.04 \times \text{SWL}) + 9.6$ $1.1 \times \text{SWL}$
1. The SWL for a single sheave block, including single sheave blocks with beackets, 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'.