



Office: **Aberdeen**

Date: **14 January 2019**

This Certificate is issued to Blue Manta International Limited, Order No 27708, to certify that the undersigned Surveyor did attend their Aberdeen works between 01 december 2018 and 14 January 2019, for the purpose of inspecting the following equipment.

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| <b>Description</b>              | Five (5) off 24Te SWL Sheave Spreader Beams |
| SWL                             | : 24Te *                                    |
| Proof Load Factor               | : 35Te                                      |
| Lifting Configuration           | : 1 point straight vertical lift            |
| Lifting Condition               | : onshore/offshore lifts                    |
| Maximum Significant wave Height | : 2.0m                                      |
| Minimum Design Temperature      | : -20°C                                     |

\* Max Lifting Capacity on 2 Holes - 12Te per Hole

**Drawing No.** BMD-1403 Rev.01

**Serial Nos.** BM-SB-209 to BM-SB-213 Inclusive.

**Specification** Lloyds Register Code for Lifting Appliances in a Marine Environment (2013)

**Design Appraisal Document** COV1525834 O-31470/IH (Document No. 12417)

**Now Done**

1. Confirmed adequate fabrication controls including materials and consumables.
2. Confirmed suitability of weld procedures/welder qualifications.
3. Monitored fabrication including fit-up, workmanship and weld quality.
4. Final visual inspection carried out and found satisfactory.
5. Witnessed satisfactory (proof) load test @ 35Te)
6. Upon completion a satisfactory review of documentation/certification package was carried out.

**Conclusion** On the basis of the surveys now described it is considered that the item mentioned above has been satisfactorily designed, manufactured and tested in accordance with Lloyds Register Code for Lifting Appliances in a Marine Environment (2013).

A G SORLEY  
Surveyor to Lloyds's Register EMEA

a member of the Lloyd's Register group.

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