



Office: **Aberdeen**

Date: **02 February 2015**

This certificate is issued to Blue Manta International Limited, Order No. 16101 to certify that the undersigned Surveyor did attend their Aberdeen works between 01 July 2014 and 02 February 2015, for the purpose of inspecting the following equipment.

Description Seven (7) off Umbilical Sheave Units

Total Head Pull	:	4 Tonne
Line Pull	:	2 Tonne
Minimum Design Temperature	:	-20°C

Drawing No. BMD-302 Rev.2

Serial No. BM-SW-0469 to BM-SW-0475 Inclusive.

Specification Lloyds Register Code for Lifting Appliances in a Marine Environment (Chapter 3)

Design Appraisal Document CESD/0904154/RT/O-14811

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 @ 2 x SWL = 8 Tonne
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 items mentioned above have been satisfactorily designed, manufactured and tested in accordance with Lloyds Register Code for Lifting Appliances in a Marine Environment (Chapter 3).



A G SORLEY
Surveyor to Lloyd's Register EMEA

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