



Office: Aberdeen

Date: 23 November 2010

This certificate is issued to **Blue Manta International Limited**, Order No. 6256 to certify that the undersigned Surveyor did attend their Aberdeen works between 01 October and 23 November 2010, for the purpose of inspecting the following equipment.

Description Three (3) off Umbilical Sheave Unit

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

Drawing Nos.

BMD-302 Rev.2
BMD-302.1 Rev.2
BMD-302.2 Rev.2
BMD-302.3 Rev.3

Serial Nos.

BM-SW-0451 to BM-SW-0453 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
A member of the Lloyd's Register Group