

Thorough Examination - Lifted Unit

Client	Blue Manta Pty Ltd	Report No	416849.0091
Client Address	103 Milner Road High Wycombe WA Australia 6057	Inspection Date	25/08/2023
Inspection Location	Blue Manta - High Wycombe		
Job No	416849	Client PO No	5240
Test Specifications Standards	DNVGL-ST-E271	Work Instruction	JI-WI-002

Unit Details

Item Description	5' Offshore tool box.		
Manufacturer	Blue Manta International Limited		
Manufacturer Serial No	BM-TB-540	Client ID No	BM-TB-540
Tare	500kg	Length	1600mm
Nett	1000kg	Width	1120mm
MGM	1500kg	Height	500mm

Certificate Details

CCLE / COC	ABN1204953/8	CCLE / COC Date	01/05/2013
Proof Load	ABN1204953/8	Proof Load Test	02/03/2013
NDT	023.7	NDT Test Date	09/10/2022

Examination Details

A certified visual inspection was conducted on the above unit, including underside.

Results at time of Inspection

Item/s examined COMPLY

Inspector	Bala Mohanasundaram	Report Expiry Date	24/08/2024
Approved Signatory Name	Adam O'Connell		Inspection and Testing Facility Accredited for compliance with ISO/IEC 17020 Accreditation No: 20435 Site Number: 24464
Signature			
Report Issue Date	28/08/2023		

Thorough Examination - Wire Rope Sling

Client	Blue Manta Pty Ltd	Report No	416849.0092
Client Address	103 Milner Road High Wycombe WA Australia 6057	Inspection Date	25/08/2023
Inspection Location	Blue Manta - High Wycombe		
Job No	416849	Client PO No	5240
Test Specifications Standards	DNVGL-ST-E271	Work Instruction	JI-WI-001

Sling Details

Item ID	BM-TB-540/1		
Manufacturer	TLC		Manufacturer ID BM-TB-540/1
Number of legs	Four		WLL @ Deg 1.5 Tonne @ 45°
Rope Diameter	Top Leg	N/A	Shackle ID 40/2-5(BW,BE6)
Rope Length	Top Leg	N/A	Heading / Quad Assembly MT-12T-OS
Core	IWRC		Shackle WLL 4.75 Tonne
Construction	6x36		Other End Fittings NA
Rope Lay	RHOL		Rope Grade 1960

Certificate Details

Proof Load Certificate	168123-2	Proof Load Date	15/11/2021
NDT Certificate	023.8	NDT Date	09/02/2022

Examination Comments

Original manufacturer; Aberdeen lifting (D8641-10, 15/03/2013)

Results at time of Inspection

Item/s examined COMPLY

Inspector	Bala Mohanasundaram	Report Expiry Date	24/08/2024
Approved Signatory Name	Adam O'Connell		Inspection and Testing Facility Accredited for compliance with ISO/IEC 17020 Accreditation No: 20435 Site Number: 24464
Signature			
Report Issue Date	28/08/2023		



3-5 Ballantyne Road Tel: (08) 9353 4333

Kewdale 6105 Fax: (08) 9353 3377

sales@theliftingcompany.com.au

CERTIFICATE FOR OFFSHORE CONTAINER LIFTING SLINGS

CERTIFICATE NUMBER
168123-2

The Lifting Company Pty Ltd
ACN 097 438 269

DATE: 15/11/21

PURCHASE ORDER: 4189

CUSTOMER: Blue Manta

DNV Type Approval #TAS00002FC

INVOICE NUMBER: 168123

Description of Sling:		Serial Number		
		BM-TB-540/1		
1300mm (Effective length) x 18mm 6x36 G1960 Galv Four Leg Wire Rope Sling complete with MT-12T-OS Quad Link on top to 4.7t Safety Bow Shackle on the bottom		WLL	Sling Angle from vertical	
		1.5 T	45 degrees	
Lifting Set Components	Manufacturer	Identification Mark		Type Approval No:
Links	Gunnebo	B1		TAS000001TTE
Shackles	Van Beest	Body: BE Pin: BW		TAS000001DO
Wire Rope	USHA	B281360001		N/A

We hereby certify that the above sling has been designed, manufactured and certified in accordance with DNVGL-ST-E 2.7-1 Offshore Containers

COMMENTS: Proof loaded to AS 1666.1&2 - 2009 cl 10



Laboratory No: 18736

Manufactured By: The Lifting Company

Manufactured Date: 15/11/21

SIGNED: _____

NAME: _____

Gary Ahern

Approved Signatory



ABERDEEN LIFTING SERVICES LTD

E.C. DECLARATION OF CONFORMITY

CLIENT: BLUE MANTA 6 KIRKTON AVENUE PITMEDDEN RD IND EST DYCE ABERDEEN AB21 0BF	TEST HOUSE: ABERDEEN LIFTING SERVICES LTD UNITS 2,3&4 WOODLANDS ROAD KIRKHILL IND EST ABERDEEN AB21 0GX TEL: 01224 723333 FAX: 01224 723311
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DECLARATION No.	CUSTOMER ORDER No.		REQUISITION No.	DATE
D8641-10	13356			15/03/2013
I.D. NUMBER	QTY	DESCRIPTION	WLL/ PAYLOAD	PROOF LOAD
BM-TB-540/1	1	4 LEG WIRE ROPE SLING TO DNV2.7-1 (2006) LEGS 1.30M x 18MM DIA FC FITTED TO CROSBY 25QA QUAD ASSY TENSILE GRADE: 1960 N/mm ²	1.5 TONNE 0-45 DEG	7.6 TONNE PER LEG
40/2-5	4	SAFETY PIN BOW SHACKLES	4.75 TON	9.5 TON

DECLARATION: I declare that the items described above comply with all the requirements of The Machinery Directive 2006/42/EC 1ST Edition 2009.

	COMPLETED BY:
ENGINEER.	N.LOGGIE
SIGNATURE.	<i>PP 4/4/2013</i>
DATE.	15/03/2013

NEXT INSPECTION DATE: 14/09/2013
DATE OF MANUFACTURE: 15/03/2013

Report

Eddy Current Inspection

Report Details			
Job No.:	VER-023.7	Report No:	023.7
Client:	BLUE MANTA	Client Project / Job No.:	n/a
Facility / Site Location:	Blue Manta Yard	Contact Name:	Katie Wiese
WO Number:	n/a	Revision No:	0
Inspector Name	Qualification	Signature	Date of Test
DANIEL LINTHORNE	PCN # 330402 Level II		9/2/2022
Reviewer/Verifier (if applicable)	Qualification	Signature	Issue Date
			10/2/2022
Description of Work / Component			

GRAPPLE BOX

Inspection Information					
UNIT ID:	BM-TB-540				
Test Procedure	VER-TWI-006		Standard / Specification ISO 17643/DNVGL-CG-0050		
Object Temperature	N/A		Acceptance Spec. DNVGL-CG-0051 sections 8 & 9 Record all indication		
Surface Condition	As Cleaned		Material Type Carbon Steel		
Surface Preparation	Hand cleaned		Material Dimensions N/A		
Coating Thickness	0.5 mm - 1.0 mm		Welding Process Unknown		
Material Thickness	5 mm - 40 mm		Heat Treatment N/A		
Joint Geometry	Various				
Test Restrictions	NIL				
Inspection Equipment					
Make & Model	OLYMPUS Nortec 500			Unit Serial No.	140044611
Calibration Date (Due)	01/02/2023			Reference Block & S/N	30913
Probe Type	Serial No.	Frequency	Gain (dB)	Phase Angle	Sensitivity
Absolute	S09361	10 kHz	56.9 dB	302	80% FSH on bare metal
Differential	S09376	100 kHz	75.5 dB	309	2 x Shim, 1 mm Slot @ 80% FSH
Area Examined					
100% inspection of welds on 4x padeyes including HAZ areas on unit					
Test Results					
NO SURFACE INDICATIONS FOUND AT TIME OF INSPECTION - PASS-					

Report

Eddy Current Inspection

Report Details			
Job No.:	VER-22-023	Report No:	023.8
Client:	BLUE MANTA	Client Project / Job No.:	n/a
Facility / Site Location:	Blue Manta Yard	Contact Name:	Katie Wiese
WO Number:	n/a	Revision No:	0
Inspector Name	Qualification	Signature	Date of Test
DANIEL LINTHORNE	PCN # 330402 Level II		9/2/2022
Reviewer/Verifier (if applicable)	Qualification	Signature	Issue Date
			10/2/2022
Description of Work / Component			

4 LEG SLING ASSEMBLY

Sling ID:	BM-TB-540/1				
Inspection Information					
Test Procedure	VER-TWI-006		Standard / Specification		ISO 17643/DNVGL-CG-0050
Object Temperature	N/A		Acceptance Spec.		Record all surface indications
Surface Condition	As Cleaned		Material Type		Carbon Steel
Surface Preparation	Hand cleaned		Material Dimensions		N/A
Coating Thickness	0.5 mm - 1.0 mm		Welding Process		Unknown
Material Thickness	5 mm - 40 mm		Heat Treatment		N/A
Joint Geometry	Various				
Test Restrictions	NIL				
Inspection Equipment					
Make & Model	OLYMPUS Nortec 500			Unit Serial No.	140044611
Calibration Date (Due)	01/02/2022			Reference Block & S/N	30913
Probe Type	Serial No.	Frequency	Gain (dB)	Phase Angle	Sensitivity
Absolute	S09361	10 kHz	56.9 dB	302	80% FSH on bare metal
Differential	S09376	100 kHz	75.5 dB	309	2 x Shim, 1 mm Slot @ 80% FSH
Area Examined					
100% inspection headring and dropper assembly					
Test Results					
NO SURFACE INDICATIONS FOUND AT TIME OF INSPECTION - PASS-					



ABERDEEN LIFTING SERVICES LTD

CERTIFICATE OF TEST, EXAMINATION AND INSPECTION REPORT

Provision and use of Work Equipment Regulations-SI 2306

Lifting Operations and Lifting Equipment Regulations- SI 2307

CLIENT:	BLUE MANTA 6 KIRKTON AVENUE PITMEDDEN RD IND EST DYCE ABERDEEN AB21 0BF	TEST HOUSE:	ABERDEEN LIFTING SERVICES LTD UNITS 2,3&4 WOODLANDS ROAD KIRKHILL INDUSTRIAL ESTATE, DYCE ABERDEEN AB21 0GX TEL: 01224 723333 FAX: 01224 723311
P.O. NO:	13356	REQUISITION NO:	
CERT NO:	D8641-02	INSPECTION DATE:	14/03/2013

SERIAL NO:	QTY	DESCRIPTION	SWL/PAYLOAD	PROOF LOAD
BM-TB-540	1	GRAPPLE BOX TO BSEN12079 & DNV2.7-1 1.57M x 1.14M x 0.58M APPROX ALL WELDED STEEL CONSTRUCTION C/W 4 TOP MOUNTED LIFTING POINTS TARE WT: 500 KGS GROSS WT: 1500 KGS	1000 KGS	
BM-TB-540/1	1	4 LEG WIRE ROPE SLING TO DNV2.7-1 (2006) LEGS 1.30M x 18MM DIA FC FITTED TO CROSBY 25MM QUAD ASSY 4 POINT TEST TENSILE GRADE: 1960N/mm ²	WLL 1.5 TONNE 0-45°	7.6 TONNE PER LEG 3750 KGS
40/2-5	4	SAFETY PIN BOW SHACKLES	4.75 TON	9.5 TON

M.P.I INSPECTION DETAILS

PROCEDURE:	ALNDT.01A REV 03	EQUIPMENT:	Y6 YOKE	METHOD:	WET CONTINUOUS
SPECIFICATION:	ASTME1444/E1444 M-11	MEDIA:	NPT 16 WHITE PAINT	INSPECTOR:	D. CRAIG
MATERIAL:	WELDED CARBON STEEL	INDICATOR:	BLACK INK	QUALS:	SNT 11

RESULTS: A MAGNETIC PARTICLE INSPECTION WAS CARRIED OUT ON LIFTING POINT WELDMENTS. ON THE EQUIPMENT NO CRACK OR CRACKLIKE INDICATIONS WERE NOTED AT TIME OF INSPECTION.

DECLARATION: I HEREBY DECLARE THAT THE ABOVE INFORMATION IS CORRECT AND THE EQUIPMENT HAS BEEN TESTED AND THOROUGHLY EXAMINED IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS AND IS FREE FROM DEFECTS AFFECTING SAFETY.

	COMPLETED BY
ENGINEER	D. CRAIG
SIGNATURE	<i>PP 14/03/2013</i>
DATE	14/03/2013

NEXT INSPECTION DATE: 13/09/2013
DATE OF MANUFACTURE: MARCH 2013





Offshore Container Certificate

Name of Manufacturer:
Blue Manta International Limited

Address:
**Blue Manta International Limited 5 Kirkton Avenue Pitmedden
Road Industrial Estate Aberdeen AB21 0BF**

This is to certify that the under noted Offshore Container, which was manufactured and tested in accordance with the requirements of Lloyd's Register Group Container Certification Scheme, has been inspected and found to be in accordance with the approved drawings and the prototype container identified as follows:

Offshore Container Type Description:

Small Grapple Box

Max. Gross Mass (Rating):

1500 KG

Tare Mass:

500 KG

Payload:

1000 KG

External Dimensions (LxWxH):

1.60m x 1.12m x 0.56m

Design Temperature:

-20 C

Lloyd's Register Group Type Approval No.:

GB-LR 62028 09/10

Assembly Drawing No.:

BMD 521 - Rev.1

Purchaser:

Blue Manta Oilfield Products and Services

Container Model No.:

Small Grapple Box

Manufacturer's Serial No.:

BM-TB-540

Date of Manufacture:

01 March 2013

Specification of lifting set. This certificate is only valid when the container is fitted with approved lifting set.

Min. shackle bolt diameter:

22mm

Max. angle of legs (from vertical):

45

Min. safety factor (against breaking):

Chain, shackles, rings, links

N/A

Wire ropes

N/A

Proof testing:

This offshore container, or another offshore container from the same fabrication series, has been subjected to the following proof test:

Manufacturer's Serial No. of container tested:

BM-TB-533

Total test load (2.5R):

3750 KG

Test date:

02 March 2013

The container also complies with the following requirements and regulations:

EN 12079 (2006) - Offshore Containers and Associated Lifting Sets DNV 2.7-1 (2006) - Offshore Containers Lloyds Register Container Certification Scheme (LRCCS)

Remarks:

Details of lifting set not supplied, therefore, excluded from Design Appraisal Document

Prototype testing:

4 point @ 2.5xR = 3750 KG, 2 point @ 1.5xR = 2250 KG, Vertical Impact Test @ Max. Gross (R) = 1500KG, Forklift Test @ 2400 KG on Container No. BM-TB-507 (29 October 2010).

Issued at **Aberdeen**

on

01 May 2013

Alasdair Sorley
Surveyor to Lloyd's Register EMEA

A subsidiary of Lloyd's Register Group Limited