

CAA INTERNATIONAL LTD
STATEMENT OF COMPLIANCE AWARD
Pharos Marine Automatic Power Ltd

Product Name: Helideck Circle H Helideck Lighting System
Version: 1.0
Dated: 16th January 2019

This is to certify that the above product has been evaluated against the relevant specifications contained in UK CAA CAP 437 Standards for Offshore Helicopter Landing Areas, 8th Edition, dated 9th December 2016 and found to be compliant.

The documents listed in Appendix 01 were submitted, reviewed and accepted.

This certificate relates only to the products themselves. It is the responsibility of the installation/vessel operator to ensure that the products are installed correctly and are operated in accordance with CAP 437 8th Edition, Amendment 1, dated September 2018.

Signed
For and On Behalf of CAA International Ltd



Stephen Long
Senior Manager International Operations

Dated: 16th January 2019
Award No. 01/ Issue No. 02

Appendix 01

Drawings

- Detailed drawings TDPM-CAP437. Dated 23 October 2017
- Additional drawings Quarter Deck System. Dated 03 April 2017
- Additional drawing TDPM-CAP437-2. Dated 12 January 2018

Data Sheets

- NESG064T - Green LED
- NFSA172T - Amber LED
- MSDS Aviation Fuel Immersion, Jet A-1, version 1.2, dated 08 April 2010
- MSDS De-Icing Immersion, Tetrosyl, Rev 27, dated 22 June 2012
- MSDS Fire Fighting Foam, Mousseal-CF, dated February 2004
- MSDS Guano Immersion Test, Down to Earth Distributors, Inc.
- MSDS Guano Cleaning Fluid, Bristol Soap Ltd, dated April 2010
- MSDS High Pressure Cleaning Concentrates, Clover Chemicals, Rev 6, dated 5 March 2015
- MSDS Hydraulic Fluid Immersion, AeroShell Fluid 41, version 7, dated 21 May 2015
- Updated and Revised Additional Tabulated Optical Performance Data (Circle Yellow), dated 09 May 2018
- Updated and Revised Additional Tabulated Optical Performance Data (H- Green), dated 09 May 2018

Certificates/Test Reports/Statements Third Parties

- DC16118 PHAROS Standard TDPM Circle. Dated 01 June 2016
- DC16119 PHAROS Bright TDPM Circle. Dated 01 June 2016
- DC17110 PHAROS Standard TDPM H MARKING. Dated 03 October 2017
- DC17111 PHAROS Bright TDPM H MARKING. Dated 03 October 2017
- Mechanical Load Test. Dated March 2016
- Shear Strength Structural Engineer's Report. Dated 15 September 2017
- ATEX Hazardous Area Test Certificates. Dated 28 March 2017
- IECEx Hazardous Area Test Certificates. Dated 22 June 2017
- Circle and H TD/PM Environmental Immersion Testing Feb-May 2017. Iss no 00 Dated Q1 2017
- Pharodeck, Circle & H TD/PM System Chemical Immersion Testing. Issue no 5. Dated May 2018
- IP Test Certificates, ExVeritas, issue 1, dated 18 August 2016
- Friction Coefficient Test Report, dated 06 October 2016
- PMAPL Updated Drainage Test Report (verified by ExV)-14 May 2018, Rev 4 dated 17 May 2018
- Circle and H Lights Drainage Report Ver 2. Date not shown
- SST-EAS-1454 Issue 3 Pharodeck Sample Panels - Assessment. Report. Issue 3, dated 10 May 2018
- TDPM Drainage Tidal Map. Rev no R1, date not shown
- Helideck Micro Grip Tester Friction Trials on Sample Helideck Panels, issue 1, dated 6th November 2017
- TR0217, ExV Test Results Sheet, issue A, dated 23 June 2016
- NPL Photometric Review Draft 20180213, dated 09 February 2018.
- Drainage Test Video 14 May 2018
- Circle H Proforma Pharos Marine Lighting Assessment Site Visit Checklist Final Dated 16th January 2019