

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 45 528 - 07 HH

Company Martek Marine Limited
Manvers
Rotherham, South Yorkshire S63 5NB, UNITED KINGDOM

Product Description Semi-automatic External Defibrillator

Type LIFEFORCE Marine AED
DDU-100A and DDU-100E

Environmental Category C; EMC2

Technical Data /
Range of Application

Battery Pack :	Model DBP-2800	Model DBP-1400
Power :	15 V, 2800 mAh	15 V, 1400 mAh
Capacity:	300 shocks or 16 hours	125 shocks or 8 hours (continuous operation)
Standby Life (typical):	7 years	5 years

Type: Lithium / Manganese Dioxide

Software Version: AED 2.003 dated 2007
Evidence regarding Requirement Class 3

Test Standard Guidelines for the Performance of Type Approvals Part 2, Edition 2003
Regulations for the Use of Computers and Computer Systems

Documents Test report : TL1016 dated 06-11-2006; Lo701400 dated 30-07-2007
Data Sheet LLAEDDS/06/07
Hazard Analysis DDU-100 AED Document Version 1.202 Rev. B dated 01-06-2005

Remarks None

Valid until 2012-11-12

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File No. I.A.14

Hamburg, 2007-11-16

Type Approval Symbol



Germanischer Lloyd

Jürgen Wittburg

Andrea Grün

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".