



Statement of Suitability #1480 *"Aqualuma underwater lights "*

In accordance with instructions from AMG (Qld) Pty Ltd, the manufacturers, we have made this assessment of the underwater light fittings provided to us for comment as to the suitability of these parts for compliance on commercial vessel under Certificate of Survey and/or Queensland Commercial Registration.



The product has been recently tested by ETRS Pty Ltd and we have been provided with a copy of the impact and hydrostatic tests completed by them in August 2005. We have also been provided with a copy of the manufacturers fitting instructions.



The Hydrostatic tests were done in compliance with AS 60529 - 2004 and AS/NZS 60598.2.18:1998. The Impact tests were done in compliance with AS/NZS 60598.1 - 2003.

The products are also in compliance with the requirements of the USL code for watertight fittings and through hull fittings. As the unit is 'blind' it does not require any special sealing or fittings to be attached behind the unit where it passes through the shell plating. Provided that the fitting is installed in accordance with the manufacturers fitting instructions and in compliance with sound boatbuilding practice we consider the units to meet full compliance for installation in all classes of commercial vessels.

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This report has been prepared on the basis of information provided to us by the manufacturer and from our own investigations. We did not destructively test the product and have relied upon the findings of the testing engineers which we consider to more than adequately demonstrate the performance of the part. This report may be copied and attached to any request for verification of suitability for commercial use.

This report was prepared by Nicholas J. Lockyer, who is an Associate Member of the International Institute of Marine Surveying, the Society of Naval Architects and Marine Engineers and an accredited surveyor for the European Certification Bureau (Netherlands). KPS Maritime is accredited with Maritime Safety Queensland as a Ship Designer and Marine Surveyor for commercial vessels (structural and electrical) up to 50 metres in length. Comments made in this report are based on standards adopted by the Uniform Shipping Laws Code (AUS), the American Boat & Yacht Council regulations (ABYC), Australian Standard AS1799 - Small Pleasure Boats Code and the Recreational Craft Directive (European Union) 94/25/EC.

Report completed Thursday, 8 September 2005 by the undersigned,



N J Lockyer, AssocIIMS
Director