



Type Approval Certificate Extension

This is to certify that Certificate No. 08/00009 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER Mariner Systems (UK) Ltd
Oaklands Park
Wokingham
Berkshire, RG41 2FD
United Kingdom (UK)

PLACE OF PRODUCTION Hewlett – Packard ⁽¹⁾
Houston, 20555 SH 249
Houston
Texas 77070
United States of America (USA)

⁽¹⁾ *Models are also manufactured at other global locations where the Quality Control is supervised by the Engineering Division at Houston.*

DESCRIPTION 19-inch TFT Colour Monitor

TYPE HP L1950 and HP L1950g

Must be used in conjunction with the appropriate Mariner Systems Kits:
MS1110 - Desk mount
MS1115 - Wall mount
MS1120 - Console mount

APPLICATION Marine and offshore applications in Category ENV1, ENV2 and ENV3 as defined in Lloyd's Register Type Approval System Test Specification No. 1: 2002 where the test specification is satisfactory for the intended operation

Certificate No. 08/00009(E1)

Issue Date 04 September 2008

Expiry Date 23 January 2013

Sheet 1 of 2

M.H.A. Rufaie
London Design Support Services
Lloyd's Register EMEA

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



SPECIFIED STANDARD	Manufacturer's Specification	
ADDITIONAL TESTS	Low Temperature:	- 25°C, 2 hours
	Shock:	15 g / 11mS
OTHER CONDITIONS	Approved when fitted with the appropriate Mariner Systems Kits	
	MS1110 -	Desk mount
	MS1115 -	Wall mount
	MS1120 -	Console mount

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No.08/00009(E1) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 08/00009 to which this extension should be attached.

Certificate No.	08/00009(E1)
Issue Date	04 September 2008
Expiry Date	23 January 2013
Sheet	2 of 2

M.H.A. Rufaie
London Design Support Services
Lloyd's Register EMEA

*Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS*

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.