



Maritime and Coastguard Agency

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Bjarne J Bjorkan
Product Group Manager
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Norway

Your ref: MIT-0056-A

Our ref: MNA 138/5/45

23 April 2003

Dear Bjarne

Electronic Log Books – Certificate of Inspection and Tests

1. This is to certify that a specimen of Fleetmaster Electronic Log Book manufactured by Kongsberg Marine IT Company AS of Horten, Norway has been examined and tested. On behalf of the Secretary of State, the Maritime and Coastguard Agency is satisfied that the specimen examined is acceptable for the purpose of complying with the requirements of SOLAS V/28 provided that the conditions in the following schedule are fulfilled and the items remain satisfactory in service.

2. Except as referred to in the conditions, this Certificate does not apply to equipment which has been varied or modified from the specimen tested. The manufacturer must submit modified equipment for consideration by the Agency.

SCHEDULE OF CONDITIONS

1. The design of the equipment and software, including future updates, should be such as to enable recording of the information required in the Annex to the SOLAS Convention 1974, Chapter V, Regulation 28 and the Guidelines for the Recording of Events Related to Navigation in Assembly Resolution A.916(22).
2. New software versions will be produced and issued in accordance with development routines according to ISO 9002 for the work process. All changes to software will be documented and tested prior to release so that traceability is maintained within software releases.
3. MCA will be informed of releases and changes when these impact upon the "basic" functionality or security of the system, so that MCA are continuously up to date on the status of compliance.



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ISO 9001:2000
FS 34835

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4. Shipboard equipment used to operate the software shall be in accordance with those parts of MSC Circular 891 of 21 December 1998 that are relevant for application to electronic logbooks.
5. Advice given during training of ships' navigating officers as operators of the equipment should remind them that any automatic input of position information from a GPS is supplementary to other observations. Recording of given positions through reckoning and observations such as visual and radar observations should be recorded during a watch, so as to ensure that the logbook does not solely depend upon GPS positions.
6. It must be possible to reconstruct the vessel's track throughout the voyage with navigational records retained for not less than 12 months.
7. Any bridge work station where the log book is situated shall comply with the principles of the IMO Guidelines on Ergonomic Criteria for Bridge Equipment and Layout contained in MSC Circular 982 of 20 December 2000 and ISO 8468.
8. Lighting of display and keyboard shall follow the standards contained in ISO 8468 para 6.3.4 or MSC Circular 982 para 5.3.6 of 20 December 2000.
9. The following documentation shall be carried on board and presented upon request to authorised officials during statutory survey or inspection:
 - .1 A declaration from a relevant person that the system is installed according to current UK regulations and its performance tested and found in full working order.
 - .2 A declaration from the owner that the officers on board have received training in accordance with STCW-95 rule 1/14.1.4.

Yours faithfully



Captain Paul Wilkins
Communication and Innovation