



Lloyd's  
Register

Notified Body authorised by the MCA



Maritime &  
Coastguard  
Agency

## EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that :

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), specified as a "notified body" under the terms of The Merchant Shipping (Marine Equipment) Regulations S.I. 1999 No. 1957, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Commission Directives 98/85/EC, 2001/53/EC, 2002/75/EC, 2002/84/EC, 2008/67/EC, 2009/26/EC, 2010/68/EU, 2011/75/EU, 2012/32/EU and 2013/52/EU subject to any conditions in the Design Appraisal Document attached hereto.

<b>Manufacturer</b>	YAMAHA MOTOR EUROPE N.V
<b>Address</b>	Koolhovenlaan 101 1119NC Schiphol-Rijk The Netherlands
<b>Annex A1 Item</b>	A.1/1.37 RESCUE BOAT PROPULSION ENGINE-OUTBOARD MOTOR
<b>Product Type</b>	RESCUE BOAT PROPULSION ENGINE-OUTBOARD MOTOR
<b>Product Description</b>	66.2kW (90HP), 2 stroke, 3 cylinder petrol outboard engine for rescue boats - Type: "Yamaha 90A"
<b>Specified Standard</b>	IMO Resolution MSC.81(70) Part 1.

The attached Design Appraisal Document (schedule) forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue 24 April 2015 Expiry date 23 April 2020

Certificate No. MED 1550098

Signed



Sheet No 1 of 3

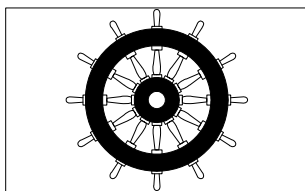
Name

N. Ramos

For and on behalf of Lloyd's Register Verification  
LRV EC Distinguishing No. 0038

Note:

This certificate is not valid for equipment; the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify the notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.



0038/yy

Subject to compliance with the conditions in the attached Design Appraisal Document (schedule), which forms part of this certificate, and those of Articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.

yy Last two digits of year mark affixed.

**This certificate is issued under the authority of the MCA.**

Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK.

A subsidiary of Lloyd's Register Group Limited.

Lloyd's Register Group Limited, 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'. Lloyd's Register 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 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.



Lloyd's  
Register

## Lloyd's Register Verification Limited

71 Fenchurch Street, London, EC3M 4BS

Telephone 020 7423 2416 Fax 020 7423 2053

Email med@lr.org

Page 2 of 3
Document number MED 1550098
Issue number 1

### DESIGN APPRAISAL DOCUMENT

Date 24 April 2015	Quote this reference on all future communications MTES/SFS/TA/RL/NR/WP21168423
-----------------------	-----------------------------------------------------------------------------------

#### ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1550098

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

#### EXAMINED DOCUMENTATION

Yamaha Motor (UK) Ltd Information to show the "Family Links" between the Yamaha 60F & 70B Outboard Motors dated November 1999.

Yamaha Outboards 60F/70B/80A/90A Owner's Manual reference 6H2-28199-87.

Department of Transport Marine Directorate Certificate of Inspection and Tests reference MS 47/11/0956 Part 2, dated 25 September 1991.

#### TEST REPORTS

Marine Safety Agency letter reference Ms 47/11/0956 Part 3, dated 8 March 1995.

LR Amsterdam Certificate Number AMS 9907004 dated 3 December 1999.

#### CONDITIONS OF CERTIFICATION

- When the following code letters are suffixed to the 90A engine basic design indicate additional facilities which may be provided within the scope of this approval:
  - D Hydro Tilting System
  - E Electric Start (with provision for emergency hand starting)
  - L Long Shaft (transom height)
  - O Oil Injection Lubricating System
  - P Power Tilt
  - S Standard Shaft
  - T Power Trim & Tilt or Negative Power Trim & Tilt
- Each engine is to be supplied with a fuel tank or tanks suitably protected against fire and explosion.
- This engine is NOT suitable for use on fast rescue boats.
- Detailed instructions for use, maintenance and installation of the engine complying with SOLAS Regulations III/35 and 36 and also instructions for use and maintenance of all machinery and equipment shall be provided to each purchaser and be available on board. The equipment shall be kept in good working order at all times and checked at regular intervals according to the manufacturer's instructions and SOLAS requirements.
- Water-resistant instructions for starting and operating the engine shall be provided and mounted in a conspicuous place near the engine starting controls.
- Installation on board: The on board arrangements and installation of the engine are not part of this design appraisal or certificate. All such arrangements are to be to the satisfaction of the Surveyors attending.



Lloyd's  
Register

**Lloyd's Register Verification Limited**

71 Fenchurch Street, London, EC3M 4BS  
Telephone 020 7423 2416 Fax 020 7423 2053  
Email med@lr.org

Page 3 of 3
Document number MED 1550098
Issue number 1

**DESIGN APPRAISAL DOCUMENT**

Date 24 April 2015	Quote this reference on all future communications MTES/SFS/TA/RL/NR/WP21168423
-----------------------	-----------------------------------------------------------------------------------

**ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1550098**

7. If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply.
8. Production items are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D) or Product Quality Assurance (Module E) or Product Verification (Module F) of the Marine Equipment Directive.
9. Production tests are to be conducted in accordance with the applicable requirements of IMO Resolution MSC.81(70), Part 2 and be recorded by the manufacturer in accordance with either the approved Production Quality Assurance system (Module D) or Product Quality Assurance (Module E) or witnessed by the Notified Body (LRV) as required by the Product Verification (Module F) of the Marine Equipment Directive. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration.
10. Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity"
11. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This Certificate will require to be updated for Approval to be maintained.

**PLACE OF PRODUCTION**

YAMAHA MOTOR CO., Ltd.  
2500 Shingai  
Iwata  
Shizuoka  
438-8501  
Japan



N. Ramos  
Specialist  
Fire & Safety  
Marine Technology and Engineering Services  
For and on behalf of Lloyd's Register Verification  
**LRV EC Distinguishing No. 0038**