



EC DECLARATION OF CONFORMITY

Manufacturer:

Company Name: Kongsberg Maritime AS
Address: P O Box 111
Zip: N-3191 *City:* Horten
Country: NORWAY
Telephone no.: +47 33 03 41 00
Telefax no.: +47 33 04 47 53

Name of authorised representative: Rolf Arne Klepaker,
 Executive Vice President Subsea

Equipment:

Description: ES70 Echosounder.
Type/Model: ES70
Part No: 201234/36/38/40/42/44/46/48/50/52/54/56/58/60/62/64/66/68/70/72/74/76/78/80/82/84/86/88/90/92/94/96/98.
 201300/02/04/06/08/10/12/14/16/18/20/22/24/26/28/30/32/34/36/38 , 204620,202341,305335,

Standards applied:

Standards to which conformity is declared:

Choose the appropriate standard for the equipment described.

- EN61000-6-4 Electromagnetic compatibility – Generic emission standard Part 2: Industrial Environment,
 EN61000-6-2 Electromagnetic compatibility – Generic immunity standard Part 2: Industrial Environment,
 EN60945 (CHAPTER 4.5.4.1, VHF BAND) Marine navigation and radiocommunication equipment and systems
 General Requirements – Methods of testing and required test results,
 EN60065 Audio, video and similar electronic apparatus. Safety requirements (IEC 60065:1998, modified),
 EN60950 Safety of information technology equipment,
 EN60204 Safety of machinery – Electrical equipment of machines Part 1: General requirements
 (IEC 60204-1:1997).

Technical Construction Documents:

See attached Technical Documents checklist.

EC type-examination certificate:

Certificate no: N.A

Issued date: N.A

Name and Address of Notified Body: N.A

Declaration:

This is to declare that the equipment referred to above conforms to the following EC directive(s):

Choose the appropriate directive for the equipment described.

- 89/336/EEC, 92/31/EEC, 93/68/EEC Electromagnetic Compatibility Directive
 89/392/EEC, 91/368/EEC, 93/44/EEC, 93/68/EEC Machinery Directive
 73/23/EEC, 93/68/EEC Low Voltage Directive
 96/98/EC, 98/85/EC Marine equipment Directive

On behalf of Kongsberg Maritime AS:

Signature: Rolf Arne Klepaker *Date:* 2/8. 2010
 Rolf Arne Klepaker



TECHNICAL CONSTRUCTION DOCUMENTS CHECKLIST

- Description of the product construction and performance**
- *Document number/identification:* ES70 Operator manual, part no. 343539
ES70 Reference manual, part no. 338106
ES70 Installation manual, part no. 343522
 - *Document location:* PLM data system
- Assembly drawings**
- *Document number/identification:* Drw.no. 201632, 200975, 201003, 201001
 - *Document location:* Teamcenter
- Part lists**
- Document number/identification:*
201234/36/38/40/42/44/46/48/50/52/54/56/58/60/62/64/66/68/70/72/74/76/78/80/82/84/86/88/90/92/94/96/98
201300/02/04/06/08/10/12/14/16/18/20/22/24/26/28/30/32/34/36/38, 204620,202341,305335,
- *Document location:* Teamcenter
- User/Installation documentation**
- *Document number/identification:* ES70 Operator manual, part no. 343539
ES70 Reference manual, part no. 338106
ES70 Installation manual, part no. 343522
 - *Document location:* PLM data system
- Drawings, showing all identifying labels**
- *Document number/identification:* Drw.no: 201481 (202480)
 - *Document location:* Teamcenter
- Internal and external test reports/certificates**
- *Document number/identification:* Internal test report: 202108 Ext.test report: 202109
 - *Document location:* Teamcenter. Archive ref. no. 4DA-91 / 4DA-92
- Results of analyses/reviews**
- *Document number/identification:* 343693
 - *Document location:* Teamcenter

Checked and approved by the Product Group Manager:

Signature:  Date: 2/8-10

Ole Bernt Gammelsæter, Product Manager Echosounders