



## 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  
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*Name of authorised representative:* Bjørn Jalving, President

### Equipment:

*Description:* EM 122 Transceiver Unit

*Type/Model:* EM 122 0,5 Degree x 1 Degree System

*Part No:* 383611(Master) / 383612(Slave)

*Type/Model:* EM 122 1 Degree x 1 Degree System

*Part No:* 309652

*Type/Model:* EM 122 1 Degree x 2 Degree System

*Part No:* 309653

*Type/Model:* EM 122 2 Degree x 2 Degree System

*Part No:* 309654

*Type/Model:* EM 122 2 Degree x 4 Degree System

*Part No:* 309655

### Standards applied:

*Standards to which conformity is declared:*

- EN61000-6-4:2007 Electromagnetic compatibility – Generic emission standard Part 2: Industrial Environment,
- EN61000-6-2:2005 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 checklist.

### EC type-examination certificate:

*Certificate no:* Not Applicable

*Issued date:* Not Applicable

*Name and Address of Notified Body:* Not Applicable

**Declaration:**

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

- 2004/108/EC (89/336/EEC) Electromagnetic Compatibility Directive
- 2009/127/EC, 2006/42/EC (89/392/EEC) Machinery Directive
- 2006/95/EC (73/23/EEC) Low Voltage Directive
- 96/98/EC, 98/85/EC Marine equipment Directive

**On behalf of:**

Signature: Bjorn Jalving Date: 19.6.2013  
Bjorn Jalving



## TECHNICAL CONSTRUCTION DOCUMENTS CHECKLIST

- ☒ **Description of the product construction and performance**
  - *Document number/identification:* 850-164709 SIS Operator Manual
  - *Document number/identification:* 302440 EM 122 Product Description
  - *Document location:* PLM Teamcenter Engineering
  
- ☒ **Assembly drawings**
  - *Document number/identification:* 383611 EM 122 TRU, 0,5x1 - 1
  - *Document number/identification:* 383612 EM 122 TRU, 0,5x1 - 2
  - *Document number/identification:* 309652 EM 122 TRU, 1x1
  - *Document number/identification:* 309653 EM 122 TRU, 1x2
  - *Document number/identification:* 309654 EM 122 TRU, 2x2
  - *Document number/identification:* 309655 EM 122 TRU, 2x4
  - *Document location:* PLM Teamcenter Engineering
  
- ☒ **Part lists**
  - *Document number/identification:* 383611 EM 122 TRU, 0,5x1 - 1
  - *Document number/identification:* 383612 EM 122 TRU, 0,5x1 - 2
  - *Document number/identification:* 309652 EM 122 TRU, 1x1
  - *Document number/identification:* 309653 EM 122 TRU, 1x2
  - *Document number/identification:* 309654 EM 122 TRU, 2x2
  - *Document number/identification:* 309655 EM 122 TRU, 2x4
  - *Document location:* PLM Teamcenter Engineering
  
- ☒ **User/Installation documentation**
  - *Document number/identification:* 317669 EM 122 Installation Manual
  - *Document number/identification:* 850-164709 SIS Operator Manual
  - *Document number/identification:* 309059 EM 122 Maintenance Manual
  - *Document location:* PLM Teamcenter Engineering
  
- ☒ **Drawings, showing all identifying labels**
  - *Document number/identification:* 383620 Unit Label EM 122 TRU, 0,5x1 - 1
  - *Document number/identification:* 383621 Unit Label EM 122 TRU, 0,5x1 - 2
  - *Document number/identification:* 309656 Unit Label EM 122 TRU, 1x1
  - *Document number/identification:* 309657 Unit Label EM 122 TRU, 1x2
  - *Document number/identification:* 309658 Unit Label EM 122 TRU, 2x2
  - *Document number/identification:* 309659 Unit Label EM 122 TRU, 2x4
  - *Document location:* PLM Teamcenter Engineering

 **Internal and external test reports/certificates**

- *Document number/identification:* 310779 Internal Test Report
- *Document location:* PLM Teamcenter Engineering

 **Results of analyses/reviews**

- *Document number/identification:* NA
- *Document location:* NA

**Checked and approved by the Product Group Manager:**

Date: 19/6-2013

Signature: Bevit Slowe